TABVLA LOGARITHMICA

CONTINENS
VNDECIM NVMERORVM CHILIADES,
CVM SVIS LOGARITHMIS
Ab vnitate, scilicèt, ad 11100.

DISPOSITI
NOVA METHODO,
ET PROPORTIONI ASTRONOMICÆ
APPLICATIS IN GRATIAM
ASTRONOMORVM.

MATRITI.

Apud Bernardum à Villa-Diego.
Anno M.DC.LXXII.

LECTORI MONITVM.

TAbula ſequens continet Logarithmos numerorum ab vnitate vſque ad 11100. numeri tamen nunquam poſiti ſunt niſi ſupra centenarios, & ad numeri dexteram ipſius inuenietur Logarithmus *exemp. gr.* ſi quæratur Logarithmus numeri 225. quæratur prius numerus 200. & poſtea infrà ipſum deſcendendo numerus 25. cui reſpondet Logarithmus 2.3521825. ſimiliter deſideratur Logarithmus numeri 7834. quæratur priùs numerus 7800. & infrà ipſum deſcēdēdo numerus 34. cui reſpōdet Logarithmus 3.8939836.

In ſuperiori tabulæ parte poſiti ſunt gradus, & eorum minuta quibus etiam *ſecunda* ſunt addita in primis columnis omnium paginarum, quæ pro ſingulis minutis omnium paginarum in ſeruiunt. *Exemp. gr.* Datus ſit arcus. *gr.* 0. 4. *min.* 47. *ſecunda.*

Inueniantur priùs in parte ſuperiori tabulæ *gr.* 0. 4. *min.* ſcilicèt, in columna quinta Logarithmorum prioris paginæ. Deinde in priori numerorum columna eiuſdem paginæ inueniantur 47. *ſecunda* quibus in columna quinta rectè procedendo reſpondet Logarithmus 2.4578819. ſimiliter in alijs erit operatio inſtituenda. Videantur quæ de proportione Aſtronomica diximus lib. 1. *Trigonom.* à numero 227.

secunda.	Gr. Mi. 0. 0.		Gr. Mi. 0. 1.		Gr. Mi. 0. 2.		Gr. Mi. 0. 3.		Gr. Mi. 0. 4.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
0	0.0000000	60	1.7781512	120	2.0791812	180	2.2552725	240	2.3802112
1	0.0000000	61	1.7853298	21	2.0827854	81	2.2576786	41	2.3820170
2	0.3010300	62	1.7923917	22	2.0863598	82	2.2600714	42	2.3838154
3	0.4771212	63	1.7993405	23	2.0899051	83	2.2624511	43	2.3856063
4	0.6020600	64	1.8061800	24	2.0934217	84	2.2648178	44	2.3873898
5	0.6989700	65	1.8129133	25	2.0969100	85	2.2671717	45	2.3891661
6	0.7781512	66	1.8195439	26	2.1003705	86	2.2695129	46	2.3909351
7	0.8450980	67	1.8260748	27	2.1038037	87	2.2717416	47	2.3926969
8	0.9030900	68	1.8325089	28	2.1072100	88	2.2741578	48	2.3944517
9	0.9542425	69	1.8388491	29	2.1105897	89	2.2764618	49	2.3961993
10	1.0000000	70	1.8450980	30	2.1139433	90	2.2787536	50	2.3979400
11	1.0413927	71	1.8512583	31	2.1172713	91	2.2810334	51	2.3996737
12	1.0791812	72	1.8573325	32	2.1205739	92	2.2833012	52	2.4014005
13	1.1139433	73	1.8633229	33	2.1238516	93	2.2855573	53	2.4031205
14	1.1461280	74	1.8692317	34	2.1271048	94	2.2878017	54	2.4048337
15	1.1760913	75	1.8750613	35	2.1303338	95	2.2900346	55	2.4065402
16	1.2041200	76	1.8808136	36	2.1335389	96	2.2922561	56	2.4082400
17	1.2304489	77	1.8864907	37	2.1367206	97	2.2944662	57	2.4099331
18	1.2552725	78	1.8920946	38	2.1398791	98	2.2966652	58	2.4116197
19	1.2787536	79	1.8976271	39	2.1430148	99	2.2988531	59	2.4132998
20	1.3010300	80	1.9030900	40	2.1461280	200	2.3010300	60	2.4149733
21	1.3222193	81	1.9084850	41	2.1492191	1	2.3031961	61	2.4166405
22	1.3424227	82	1.9138138	42	2.1522883	2	2.3053514	62	2.4183013
23	1.3617278	83	1.9190781	43	2.1553360	3	2.3074960	63	2.4199557
24	1.3802112	84	1.9242793	44	2.1583625	4	2.3096302	64	2.4216039
25	1.3979400	85	1.9294189	45	2.1613680	5	2.3117539	65	2.4232459
26	1.4149733	86	1.9344984	46	2.1643528	6	2.3138672	66	2.4248816
27	1.4313638	87	1.9395192	47	2.1673173	7	2.3159703	67	2.4265113
28	1.4471580	88	1.9444827	48	2.1702617	8	2.3180633	68	2.4281348
29	1.4623980	89	1.9493900	49	2.1731863	9	2.3201463	69	2.4297523
30	1.4771212	90	1.9542425	50	2.1760913	10	2.3222193	70	2.4313638
31	1.4913617	91	1.9590414	51	2.1789769	11	2.3242824	71	2.4329693
32	1.5051500	92	1.9637878	52	2.1818436	12	2.3263359	72	2.4345689
33	1.5185139	93	1.9684829	53	2.1846914	13	2.3283796	73	2.4361626
34	1.5314789	94	1.9731278	54	2.1875207	14	2.3304138	74	2.4377506
35	1.5440680	95	1.9777236	55	2.1903317	15	2.3324385	75	2.4393327
36	1.5563025	96	1.9822712	56	2.1931246	16	2.3344537	76	2.4409091
37	1.5682017	97	1.9867717	57	2.1958996	17	2.3364597	77	2.4424798
38	1.5797836	98	1.9912261	58	2.1986571	18	2.3384565	78	2.4440448
39	1.5910646	99	1.9956352	59	2.2013971	19	2.3404441	79	2.4456042
40	1.6020600	100	2.0000000	60	2.2041200	20	2.3424227	80	2.4471580
41	1.6127839	1	2.0043214	61	2.2068259	21	2.3443923	81	2.4487063
42	1.6232493	2	2.0086002	62	2.2095150	22	2.3463530	82	2.4502491
43	1.6334685	3	2.0128372	63	2.2121876	23	2.3483049	83	2.4517864
44	1.6434527	4	2.0170333	64	2.2148438	24	2.3502480	84	2.4533183
45	1.6532125	5	2.0211893	65	2.2174839	25	2.3521825	85	2.4548449
46	1.6627578	6	2.0253059	66	2.2201081	26	2.3541084	86	2.4563660
47	1.6720979	7	2.0293838	67	2.2227165	27	2.3560259	87	2.4578819
48	1.6812412	8	2.0334238	68	2.2253093	28	2.3579348	88	2.4593925
49	1.6901961	9	2.0374265	69	2.2278867	29	2.3598355	89	2.4608978
50	1.6989700	10	2.0413927	70	2.2304489	30	2.3617278	90	2.4623980
51	1.7075702	11	2.0453230	71	2.2329961	31	2.3636120	91	2.4638930
52	1.7160033	12	2.0492180	72	2.2355284	32	2.3654880	92	2.4653828
53	1.7242759	13	2.0530784	73	2.2380461	33	2.3673559	93	2.4668676
54	1.7323938	14	2.0569048	74	2.2405492	34	2.3692159	94	2.4683473
55	1.7403627	15	2.0606978	75	2.2430380	35	2.3710679	95	2.4698220
56	1.7481880	16	2.0644580	76	2.2455127	36	2.3729120	96	2.4712917
57	1.7558748	17	2.0681859	77	2.2479733	37	2.3747483	97	2.4727564
58	1.7634280	18	2.0718820	78	2.2504200	38	2.3765770	98	2.4742163
59	1.7708520	19	2.0755470	79	2.2528[illegible]	39	2.3783979	99	2.4756712

fecū da. Gr. Mi. 0. 5.		Gr. Mi. 0. 6.		Gr. Mi. 0. 7.		Gr. Mi. 0. 8.		Gr. Mi. 0. 9.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarich	Nu.	Logarith.
300	2.4771212	60	2.5563025	420	2.6232493	480	2.6812412	540	2.7323938
1	2.4785665	61	2.5575072	21	2.6242821	81	2.6821451	41	2.7331973
2	2.4800069	62	2.5587086	22	2.6253124	82	2.6830470	42	2.7339993
3	2.4814426	63	2.5599066	23	2.6263404	83	2.6839471	43	2.7347998
4	2.4828736	64	2.5611014	24	2.6273659	84	2.6848454	44	2.7355989
5	2.4842998	65	2.5622929	25	2.6283889	85	2.6857417	45	2.7363965
6	2.4857214	66	2.5634811	26	2.6294096	86	2.6866363	46	2.7371926
7	2.4871384	67	2.5646661	27	2.6304279	87	2.6875290	47	2.7379873
8	2.4885507	68	2.5658478	28	2.6314438	88	2.6884198	48	2.7387806
9	2.4899585	69	2.5670264	29	2.6324573	89	2.6893089	49	2.7395723
10	2.4913617	70	2.5682017	30	2.6334685	90	2.6901961	50	2.7403627
11	2.4927604	71	2.5693739	31	2.6344773	91	2.6910815	51	2.7411516
12	2.4941546	72	2.5705429	32	2.6354837	92	2.6919651	52	2.7419391
13	2.4955443	73	2.5717088	33	2.6364879	93	2.6928469	53	2.7427251
14	2.4969296	74	2.5728716	34	2.6374897	94	2.6937269	54	2.7435098
15	2.4983105	75	2.5740313	35	2.6384893	95	2.6946052	55	2.7442930
16	2.4996871	76	2.5751878	36	2.6394865	96	2.6954817	56	2.7450748
17	2.5010593	77	2.5763414	37	2.6404814	97	2.6963564	57	2.7458552
18	2.5024271	78	2.5774918	38	2.6414741	98	2.6972293	58	2.7466342
19	2.5037907	79	2.5786392	39	2.6424645	99	2.6981005	59	2.7474118
20	2.5051500	80	2.5797836	40	2.6434527	500	2.6989700	60	2.7481880
21	2.5065050	81	2.5809250	41	2.6444386	1	2.6998377	61	2.7489629
22	2.5078559	82	2.5820634	42	2.6454223	2	2.7007037	62	2.7497363
23	2.5092025	83	2.5831988	43	2.6464037	3	2.7015680	63	2.7505084
24	2.5105450	84	2.5843312	44	2.6473830	4	2.7024305	64	2.7512791
25	2.5118834	85	2.5854607	45	2.6483600	5	2.7032914	65	2.7520484
26	2.5132176	86	2.5865873	46	2.6493349	6	2.7041505	66	2.7528164
27	2.5145477	87	2.5877110	47	2.6503075	7	2.7050080	67	2.7535831
28	2.5158738	88	2.5888317	48	2.6512780	8	2.7058637	68	2.7543483
29	2.5171959	89	2.5899496	49	2.6522463	9	2.7067178	69	2.7551123
30	2.5185139	90	2.5910646	50	2.6532125	10	2.7075702	70	2.7558748
31	2.5198280	91	2.5921768	51	2.6541765	11	2.7084209	71	2.7566361
32	2.5211381	92	2.5932861	52	2.6551384	12	2.7092700	72	2.7573960
33	2.5224442	93	2.5943925	53	2.6560982	13	2.7101174	73	2.7581546
34	2.5237465	94	2.5954962	54	2.6570558	14	2.7109631	74	2.7589119
35	2.5250448	95	2.5965971	55	2.6580114	15	2.7118072	75	2.7596678
36	2.5263393	96	2.5976952	56	2.6589648	16	2.7126497	76	2.7604225
37	2.5276299	97	2.5987905	57	2.6599162	17	2.7134905	77	2.7611758
38	2.5289167	98	2.5998831	58	2.6608655	18	2.7143298	78	2.7619278
39	2.5301997	99	2.6009729	59	2.6618127	19	2.7151674	79	2.7626786
40	2.5314789	400	2.6020600	60	2.6627578	20	2.7160033	80	2.7634280
41	2.5327544	1	2.6031444	61	2.6637009	21	2.7168377	81	2.7641761
42	2.5340261	2	2.6042260	62	2.6646420	22	2.7176705	82	2.7649230
43	2.5352941	3	2.6053050	63	2.6655810	23	2.7185017	83	2.7656685
44	2.5365584	4	2.6063814	64	2.6665180	24	2.7193313	84	2.7664128
45	2.5378191	5	2.6074550	65	2.6674529	25	2.7201593	85	2.7671559
46	2.5390761	6	2.6085260	66	2.6683859	26	2.7209857	86	2.7678976
47	2.5403295	7	2.6095944	67	2.6693169	27	2.7218106	87	2.7686381
48	2.5415792	8	2.6106602	68	2.6702458	28	2.7226339	88	2.7693773
49	2.5428254	9	2.6117233	69	2.6711728	29	2.7234557	89	2.7701153
50	2.5440680	10	2.6127839	70	2.6720979	30	2.7242759	90	2.7708520
51	2.5453071	11	2.6138418	71	2.6730209	31	2.7250945	91	2.7715875
52	2.5465427	12	2.6148972	72	2.6739420	32	2.7259116	92	2.7723217
53	2.5477747	13	2.6159500	73	2.6748611	33	2.7267272	93	2.7730547
54	2.5490033	14	2.6170003	74	2.6757783	34	2.7275413	94	2.7737864
55	2.5502283	15	2.6180481	75	2.6766936	35	2.7283538	95	2.7745170
56	2.5514500	16	2.6190933	76	2.6776069	36	2.7291648	96	2.7752463
57	2.5526682	17	2.6201360	77	2.6785184	37	2.7299743	97	2.7759743
58	2.5538830	18	2.6211763	78	2.6794279	38	2.7307823	98	2.7767012
59	2.5550944	19	2.6222140	79	2.6803355	39	2.7315888	99	2.7774268

Secū da. Gr. Mi. 0. 10.		Gr. Mi. 0. 11.		Gr. Mi. 0. 12.		Gr. Mi. 0. 13.		Gr. Mi. 0. 14.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
600	2.7781512	660	2.8195439	720	2.8573325	780	2.8920946	840	2.9242793
1	2.7788745	61	2.8202015	21	2.8579353	81	2.8926510	41	2.9247960
2	2.7795965	62	2.8208580	22	2.8585372	82	2.8932067	42	2.9253121
3	2.7803173	63	2.8215135	23	2.8591383	83	2.8937618	43	2.9258276
4	2.7810369	64	2.8221681	24	2.8597386	84	2.8943161	44	2.9263424
5	2.7817554	65	2.8228216	25	2.8603380	85	2.8948696	45	2.9268567
6	2.7824726	66	2.8234742	26	2.8609366	86	2.8954225	46	2.9273704
7	2.7831887	67	2.8241258	27	2.8615344	87	2.8959747	47	2.9278834
8	2.7839036	68	2.8247765	28	2.8621314	88	2.8965262	48	2.9283958
9	2.7846173	69	2.8254261	29	2.8627275	89	2.8970770	49	2.9289077
10	2.7853298	70	2.8260748	30	2.8633229	90	2.8976271	50	2.9294189
11	2.7860412	71	2.8267225	31	2.8639174	91	2.8981765	51	2.9299296
12	2.7867514	72	2.8273693	32	2.8645111	92	2.8987252	52	2.9304396
13	2.7874605	73	2.8280151	33	2.8651040	93	2.8992732	53	2.9309490
14	2.7881684	74	2.8286599	34	2.8656961	94	2.8998205	54	2.9314579
15	2.7888751	75	2.8293038	35	2.8662873	95	2.9003671	55	2.9319661
16	2.7895807	76	2.8299467	36	2.8668778	96	2.9009131	56	2.9324738
17	2.7902852	77	2.8305887	37	2.8674675	97	2.9014583	57	2.9329808
18	2.7909885	78	2.8312297	38	2.8680564	98	2.9020029	58	2.9334873
19	2.7916906	79	2.8318698	39	2.8686444	99	2.9025468	59	2.9339932
20	2.7923917	80	2.8325089	40	2.8692317	800	2.9030900	60	2.9344984
21	2.7930916	81	2.8331471	41	2.8698182	1	2.9036325	61	2.9350031
22	2.7937904	82	2.8337844	42	2.8704039	2	2.9041744	62	2.9355073
23	2.7944880	83	2.8344207	43	2.8709888	3	2.9047155	63	2.9360108
24	2.7951846	84	2.8350561	44	2.8715729	4	2.9052560	64	2.9365137
25	2.7958800	85	2.8356906	45	2.8721563	5	2.9057959	65	2.9370161
26	2.7965744	86	2.8363241	46	2.8727388	6	2.9063350	66	2.9375179
27	2.7972675	87	2.8369567	47	2.8733206	7	2.9068735	67	2.9380191
28	2.7979596	88	2.8375884	48	2.8739016	8	2.9074114	68	2.9385197
29	2.7986506	89	2.8382192	49	2.8744818	9	2.9079485	69	2.9390198
30	2.7993405	90	2.8388491	50	2.8750613	10	2.9084850	70	2.9395192
31	2.8000294	91	2.8394780	51	2.8756399	11	2.9090209	71	2.9400181
32	2.8007171	92	2.8401061	52	2.8762178	12	2.9095560	72	2.9405165
33	2.8014037	93	2.8407332	53	2.8767950	13	2.9100905	73	2.9410142
34	2.8020893	94	2.8413595	54	2.8773713	14	2.9106244	74	2.9415114
35	2.8027737	95	2.8419848	55	2.8779469	15	2.9111576	75	2.9420080
36	2.8034571	96	2.8426092	56	2.8785218	16	2.9116902	76	2.9425041
37	2.8041394	97	2.8432328	57	2.8790959	17	2.9122220	77	2.9429996
38	2.8048207	98	2.8438554	58	2.8796692	18	2.9127533	78	2.9434945
39	2.8055009	99	2.8444771	59	2.8802418	19	2.9132839	79	2.9439889
40	2.8061800	700	2.8450980	60	2.8808136	20	2.9138138	80	2.9444827
41	2.8068580	1	2.8457180	61	2.8813847	21	2.9143431	81	2.9449759
42	2.8075350	2	2.8463371	62	2.8819550	22	2.9148718	82	2.9454686
43	2.8082110	3	2.8469553	63	2.8825245	23	2.9153998	83	2.9459607
44	2.8088859	4	2.8475727	64	2.8830934	24	2.9159272	84	2.9464523
45	2.8095597	5	2.8481891	65	2.8836614	25	2.9164539	85	2.9469433
46	2.8102325	6	2.8488047	66	2.8842288	26	2.9169800	86	2.9474327
47	2.8109043	7	2.8494194	67	2.8847954	27	2.9175055	87	2.9479239
48	2.8115750	8	2.8500333	68	2.8853612	28	2.9180303	88	2.9484130
49	2.8122447	9	2.8506462	69	2.8859263	29	2.9185545	89	2.9489018
50	2.8129134	10	2.8512583	70	2.8864907	30	2.9190781	90	2.9493900
51	2.8135810	11	2.8518696	71	2.8870544	31	2.9196010	91	2.9498777
52	2.8142476	12	2.8524800	72	2.8876173	32	2.9201233	92	2.9503648
53	2.8149132	13	2.8530805	73	2.8881795	33	2.9206450	93	2.9508514
54	2.8155777	14	2.8536982	74	2.8887410	34	2.9211660	94	2.9513375
55	2.8162413	15	2.8543060	75	2.8893017	35	2.9216865	95	2.9518230
56	2.8169038	16	2.8549130	76	2.8898617	36	2.9222063	96	2.9523090
57	2.8175654	17	2.8555191	77	2.8904210	37	2.9227254	97	2.9527924
58	2.8182259	18	2.8561244	78	2.8909796	38	2.9232440	98	2.9532763
59	2.8188854	19	2.8567289	79	2.8915375	39	2.9237620	99	2.9537597

Secunda.	Gr. Mi. 0. 15.		Gr. Mi. 0. 16.		Gr. Mi. 0. 17.		Gr. Mi. 0. 18.		Gr. Mi. 0. 19.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
900	2.9542425	60	2.9822712	1020	3.0086002	1080	3.0334237	1140	3.0569048
1	2.9547248	61	2.9827234	21	3.0090257	81	3.0338257	41	3.0572856
2	2.9552065	62	2.9831751	22	3.0094509	82	3.0342273	42	3.0576661
3	2.9556877	63	2.9836263	23	3.0098756	83	3.0346284	43	3.0580462
4	2.9561684	64	2.9840770	24	3.0102999	84	3.0350293	44	3.0584260
5	2.9566486	65	2.9845273	25	3.0107239	85	3.0354297	45	3.0588055
6	2.9571282	66	2.9849771	26	3.0111474	86	3.0358298	46	3.0591846
7	2.9576073	67	2.9854265	27	3.0115704	87	3.0362295	47	3.0595634
8	2.9580858	68	2.9858753	28	3.0119931	88	3.0366289	48	3.0599419
9	2.9585639	69	2.9863238	29	3.0124154	89	3.0370279	49	3.0603200
10	2.9590414	70	2.9867717	30	3.0128372	90	3.0374265	50	3.0606978
11	2.9595184	71	2.9872192	31	3.0132587	91	3.0378247	51	3.0610753
12	2.9599948	72	2.9876663	32	3.0136797	92	3.0382226	52	3.0614525
13	2.9604708	73	2.9881128	33	3.0141003	93	3.0386201	53	3.0618293
14	2.9609462	74	2.9885589	34	3.0145205	94	3.0390173	54	3.0622058
15	2.9614211	75	2.9890046	35	3.0149403	95	3.0394141	55	3.0625820
16	2.9618955	76	2.9894498	36	3.0153597	96	3.0398105	56	3.0629578
17	2.9623693	77	2.9898946	37	3.0157787	97	3.0402066	57	3.0633334
18	2.9628427	78	2.9903388	38	3.0161973	98	3.0406023	58	3.0637085
19	2.9633155	79	2.9907827	39	3.0166155	99	3.0409977	59	3.0640834
20	2.9637878	80	2.9912261	40	3.0170333	1100	3.0413927	60	3.0644580
21	2.9642596	81	2.9916690	41	3.0174507	1	3.0417873	61	3.0648322
22	2.9643709	82	2.9921115	42	3.0178677	2	3.0421816	62	3.0652061
23	2.9652017	83	2.9925535	43	3.0182843	3	3.0425755	63	3.0655797
24	2.9656720	84	2.9929951	44	3.0187005	4	3.0429691	64	3.0659530
25	2.9661417	83	2.9934362	45	3.0191163	5	3.0433623	65	3.0663259
26	2.9666110	86	2.9938769	46	3.0195317	6	3.0437551	66	3.0666985
27	2.9670797	87	2.9943171	47	3.0199467	7	3.0441476	67	3.0670708
28	2.9675480	88	2.9947569	48	3.0203613	8	3.0445398	68	3.0674428
29	2.9680157	89	2.9951963	49	3.0207755	9	3.0449315	69	3.0678145
30	2.9684829	90	2.9956352	50	3.0211893	10	3.0453230	70	3.0681859
31	2.9689497	91	2.9960736	51	3.0216027	11	3.0457140	71	3.0685569
32	2.9694159	92	2.9965117	52	3.0220157	12	3.0461048	72	3.0689276
33	2.9698816	93	2.9969492	53	3.0224284	13	3.0464952	73	3.0692980
34	2.9703469	54	2.9973864	54	3.0228406	14	3.0468852	74	3.0696681
35	2.9708116	95	2.9978231	55	3.0232524	15	3.0472749	75	3.0700379
36	2.9712758	96	2.9982593	56	3.0236639	16	3.0476642	76	3.0704073
37	2.9717396	97	2.9986951	57	3.0240750	17	3.0480532	77	3.0707765
38	2.9722028	98	2.9991305	58	3.0244857	18	3.0484418	78	3.0711453
39	2.9726656	99	2.9995655	59	3.0248960	19	3.0488301	79	3.0715138
40	2.9731278	1000	3.0000000	60	3.0253059	20	3.0492180	80	3.0718820
41	2.9735896	1	3.0004341	61	3.0257154	21	3.0496056	81	3.0722499
42	2.9740509	2	3.0008687	62	3.0261245	22	3.0499928	82	3.0726175
43	2.9745117	3	3.0013009	63	3.0265333	23	3.0503797	83	3.0729847
44	2.9749720	4	3.0017337	64	3.0269416	24	3.0507663	84	3.0733517
45	2.9754318	5	3.0021661	65	3.0273496	25	3.0511525	85	3.0737183
46	2.9758911	6	3.0025980	66	3.0277572	26	3.0515384	86	3.0740847
47	2.9763500	7	3.0030295	67	3.0281644	27	3.0519239	87	3.0744507
48	2.9768083	8	3.0034605	68	3.0285712	28	3.0523091	88	3.0748164
49	2.9772662	9	3.0038912	69	3.0289777	29	3.0526939	89	3.0751818
50	2.9777236	10	3.0043214	70	3.0293838	30	3.0530784	90	3.0755470
51	2.9781805	11	3.0047511	71	3.0297893	31	3.0534626	91	3.0759118
52	2.9786369	12	3.0051805	72	3.0301948	32	3.0538464	92	3.0762762
53	2.9790929	13	3.0056094	73	3.0305997	33	3.0542299	93	3.0766404
54	2.9795484	14	3.0060379	74	3.0310043	34	3.0546130	94	3.0770043
55	2.9800034	15	3.0064660	75	3.0314085	35	3.0549958	95	3.0773679
56	2.9804579	16	3.0068937	76	3.0318123	36	3.0553783	96	3.0777312
57	2.9809119	17	3.0073209	77	3.0322157	37	3.0557604	97	3.0780941
58	2.9813653	18	3.0077478	78	3.0326188	38	3.0361423	98	3.0784568
59	2.9818186	19	3.0081742	79	3.0330214	39	3.0565237	99	3.0788192

fecū da.

Gr. Mi. 0. 20		Gr. Mi. 0. 21.		Gr. Mi. 0. 21.		Gr. Mi. 0. 13.		Gr. Mi. 0. 14.	
Nu.	Logarith.	Nu	Logarith.	Nu.	Logarith.	Nu	Logarith.	Nu.	Logarith.
1200	3.0791812	1260	3.1003705	1320	3.1205739	1380	3.1398791	1440	3.1583625
1	3.0795430	61	3.1007151	21	3.1209028	81	3.1401937	41	3.1586640
2	3.0799045	62	3.1010593	22	3.1212314	82	3.1405080	42	3.1589653
3	3.0802656	63	3.1014033	23	3.1215598	83	3.1408222	43	3.1592663
4	3.0806265	64	3.1017471	24	3.1218880	84	3.1411361	44	3.1595672
5	3.0809870	65	3.1020905	25	3.1222159	85	3.1414498	45	3.1598678
6	3.0813473	66	3.1024337	26	3.1225435	86	3.1417632	46	3.1601683
7	3.0817073	67	3.1027766	27	3.1228709	87	3.1420765	47	3.1604685
8	3.0820669	68	3.1031192	28	3.1231981	88	3.1423895	48	3.1607686
9	3.0824263	69	3.1034616	29	3.1235250	89	3.1427022	49	3.1610684
10	3.0827854	70	3.1038037	30	3.1238516	90	3.1430148	50	3.1613680
11	3.0831441	71	3.1041455	31	3.1241780	91	3.1433271	51	3.1616674
12	3.0835026	72	3.1044871	32	3.1245042	92	3.1436392	52	3.1619666
13	3.0838608	73	3.1048284	33	3.1248301	93	3.1439511	53	3.1622656
14	3.0842187	74	3.1051694	34	3.1251558	94	3.1442628	54	3.1625644
15	3.0845763	75	3.1055102	35	3.1254813	95	3.1445742	55	3.1628630
16	3.0849336	76	3.1058507	36	3.1258064	96	3.1448854	56	3.1631614
17	3.0852906	77	3.1061909	37	3.1261314	97	3.1451964	57	3.1634595
18	3.0856473	78	3.1065308	38	3.1264561	98	3.1455072	58	3.1637575
19	3.0860037	79	3.1068705	39	3.1267806	99	3.1458177	59	3.1640553
20	3.0863598	80	3.1072100	40	3.1271048	1400	3.1461280	60	3.1643528
21	3.0867156	81	3.1075491	41	3.1274288	1	3.1464381	61	3.1646502
22	3.0870712	82	3.1078880	42	3.1277525	2	3.1467480	62	3.1649474
23	3.0874264	83	3.1082266	43	3.1280760	3	3.1470577	63	3.1652443
24	3.0877814	84	3.1085650	44	3.1283993	4	3.1473671	64	3.1655411
25	3.0881361	85	3.1089031	45	3.1287223	5	3.1476763	65	3.1658376
26	3.0884905	86	3.1092410	46	3.1290450	6	3.1479853	66	3.1661340
27	3.0888446	87	3.1095785	47	3.1293676	7	3.1482941	67	3.1664301
28	3.0891984	88	3.1099159	48	3.1296899	8	3.1486026	68	3.1667260
29	3.0895519	89	3.1102529	49	3.1300119	9	3.1489110	69	3.1670218
30	3.0899051	90	3.1105897	50	3.1303338	10	3.1492191	70	3.1673173
31	3.0902580	91	3.1109262	51	3.1306553	11	3.1495270	71	3.1676127
32	3.0906107	92	3.1112625	52	3.1309767	12	3.1498347	72	3.1679078
33	3.0909631	93	3.1115985	53	3.1312978	13	3.1501422	73	3.1682027
34	3.0913152	94	3.1119343	54	3.1316187	14	3.1504494	74	3.1684975
35	3.0916669	95	3.1122698	55	3.1319393	15	3.1507564	75	3.1687920
36	3.0920185	96	3.1126050	56	3.1322597	16	3.1510632	76	3.1690863
37	3.0923697	97	3.1129400	57	3.1325798	17	3.1513698	77	3.1693805
38	3.0927206	98	3.1132747	58	3.1328998	18	3.1516762	78	3.1696744
39	3.0930713	99	3.1136091	59	3.1332195	19	3.1519824	79	3.1699682
40	3.0934217	1300	3.1139433	60	3.1335389	20	3.1522883	80	3.1702617
41	3.0937718	1	3.1142773	61	3.1338581	21	3.1525941	81	3.1705550
42	3.0941216	2	3.1146110	62	3.1341771	22	3.1528996	82	3.1708482
43	3.0944711	3	3.1149444	63	3.1344958	23	3.1532049	83	3.1711411
44	3.0948204	4	3.1152776	64	3.1348144	24	3.1535100	84	3.1714339
45	3.0951693	5	3.1156105	65	3.1351326	25	3.1538149	85	3.1717264
46	3.0955180	6	3.1159432	66	3.1354507	26	3.1541195	86	3.1720188
47	3.0958664	7	3.1162756	67	3.1357685	27	3.1544240	87	3.1723110
48	3.0962146	8	3.1166077	68	3.1360861	28	3.1547282	88	3.1726029
49	3.0965624	9	3.1169396	69	3.1364034	29	3.1550322	89	3.1728947
50	3.0969100	10	3.1172713	70	3.1367206	30	3.1553360	90	3.1731863
51	3.0972573	11	3.1176027	71	3.1370374	31	3.1556396	91	3.1734776
52	3.0976043	12	3.1179338	72	3.1373541	32	3.1559430	92	3.1737688
53	3.0979511	13	3.1182647	73	3.1376705	33	3.1562462	93	3.1740598
54	3.0982975	14	3.1185954	74	3.1379867	34	3.1565491	94	3.1743506
55	3.0986437	15	3.1189257	75	3.1383027	35	3.1568519	95	3.1746412
56	3.0989896	16	3.1192559	76	3.1386184	36	3.1571544	96	3.1749316
57	3.0993353	17	3.1195858	77	3.1389339	37	3.1574568	97	3.1752218
58	3.0996806	18	3.1199154	78	3.1392492	38	3.1577589	98	3.1755118
59	3.1000257	19	3.1202448	79	3.1395643	39	3.1580609	99	3.1758016

secunda	Gr. Mi. 0. 25		Gr. Mi. 0. 26.		Gr. Mi. 0. 27.		Gr. Mi. 0. 28.		Gr. Mi. 0. 29.
No.	Logarith.	No.	Logarith.	No	Logarith.	No	Logarith.	No.	Logarith.
1500	3.1760913	1560	3.1931246	1620	3.2095150	1680	3.2253093	1740	3.2405492
1	3.1763807	61	3.1934029	21	3.2097830	81	3.2255677	41	3.2407988
2	3.1766699	62	3.1936810	22	3.2100508	82	3.2258260	42	3.2410481
3	3.1769590	63	3.1939590	23	3.2103185	83	3.2260841	43	3.2412974
4	3.1772478	64	3.1942367	24	3.2105860	84	3.2263421	44	3.2415465
5	3.1775365	65	3.1945143	25	3.2108534	85	3.2265999	45	3.2417954
6	3.1778250	66	3.1947917	26	3.2111205	86	3.2268576	46	3.2420442
7	3.1781132	67	3.1950690	27	3.2113876	87	3.2271151	47	3.2422929
8	3.1784013	68	3.1953460	28	3.2116544	88	3.2273724	48	3.2425414
9	3.1786892	69	3.1956229	29	3.2119211	89	3.2276296	49	3.2427898
10	3.1789769	70	3.1958996	30	3.2121876	90	3.2278867	50	3.2430380
11	3.1792645	71	3.1961762	31	3.2124540	91	3.2281436	51	3.2432861
12	3.1795518	72	3.1964525	32	3.2127201	92	3.2284004	52	3.2435341
13	3.1798389	73	3.1967287	33	3.2129862	93	3.2286570	53	3.2437819
14	3.1801259	74	3.1970047	34	3.2132521	94	3.2289134	54	3.2440296
15	3.1804126	75	3.1972806	35	3.2135178	95	3.2291697	55	3.2442771
16	3.1806992	76	3.1975562	36	3.2137833	96	3.2294258	56	3.2445245
17	3.1809856	77	3.1978317	37	3.2140487	97	3.2296818	57	3.2447718
18	3.1812718	78	3.1981070	38	3.2143139	98	3.2299377	58	3.2450189
19	3.1815578	79	3.1983821	39	3.2145789	99	3.2301934	59	3.2452658
20	3.1818436	80	3.1986571	40	3.2148438	1720	3.2304489	60	3.2455127
21	3.1821292	81	3.1989319	41	3.2151086	1	3.2307043	61	3.2457594
22	3.1824146	82	3.1992065	42	3.2153732	2	3.2309596	62	3.2460059
23	3.1826999	83	3.1994809	43	3.2156376	3	3.2312146	63	3.2462523
24	3.1829850	84	3.1997552	44	3.2159018	4	3.2314696	64	3.2464986
25	3.1832698	85	3.2000293	45	3.2161659	5	3.2317244	65	3.2467447
26	3.1835545	86	3.2003032	46	3.2164298	6	3.2319790	66	3.2469907
27	3.1838390	87	3.2005769	47	3.2166936	7	3.2322335	67	3.2472365
28	3.1841233	88	3.2008505	48	3.2169572	8	3.2324879	68	3.2474823
29	3.1844075	89	3.2011239	49	3.2172206	9	3.2327421	69	3.2477278
30	3.1846914	90	3.2013971	50	3.2174839	10	3.2329961	70	3.2479733
31	3.1849752	91	3.2016702	51	3.2177471	11	3.2332500	71	3.2482186
32	3.1852588	92	3.2019431	52	3.2180100	12	3.2335038	72	3.2484637
33	3.1855421	93	3.2022158	53	3.2182728	13	3.2337574	73	3.2487087
34	3.1858253	94	3.2024883	54	3.2185355	14	3.2340108	74	3.2489536
35	3.1861084	95	3.2027607	55	3.2187980	15	3.2342641	75	3.2491984
36	3.1863912	56	3.2030329	56	3.2190603	16	3.2345173	76	3.2494430
37	3.1866739	97	3.2033049	57	3.2193225	17	3.2347703	77	3.2496874
38	3.1869563	98	3.2035768	58	3.2195845	18	3.2350232	78	3.2499318
39	3.1872386	99	3.2036485	59	3.2198464	19	3.2352759	79	3.2501759
40	3.1875207	1600	3.2041200	60	3.2201081	20	3.2355284	80	3.2504200
41	3.1878026	1	3.2043913	61	3.2203696	21	3.2357809	81	3.2506639
42	3.1880844	2	3.2046625	62	3.2206310	22	3.2360331	82	3.2509077
43	3.1883659	3	3.2049335	63	3.2208922	23	3.2362853	83	3.2511513
44	3.1886473	4	3.2052044	64	3.2211533	24	3.2365373	84	3.2513948
45	3.1889285	5	3.2054750	65	3.2214142	25	3.2367891	85	3.2516382
46	3.1892095	6	3.2057455	66	3.2216750	26	3.2370408	86	3.2518815
47	3.1894903	7	3.2060159	67	3.2219356	27	3.2372923	87	3.2521246
48	3.1897709	8	3.2062860	68	3.222196	28	3.2375437	88	3.2523675
49	3.1900514	9	3.2065560	69	3.2224563	29	3.2377950	89	3.2526103
50	3.1903317	10	3.2068259	70	3.2227165	30	3.2380461	90	3.2528530
51	3.1906118	11	3.2070955	71	3.2229764	31	3.2382971	91	3.2530956
52	3.1908917	12	3.2073650	72	3.2232363	32	3.2385479	92	3.2533380
53	3.1911714	13	3.2076344	73	3.2234959	33	3.2387986	93	3.2535803
54	3.1914510	14	3.2079035	74	3.2237555	34	3.2390491	94	3.2538224
55	3.1917304	15	3.2081725	75	3.2240148	35	3.2392995	95	3.2540645
56	3.1920096	16	3.2084414	76	3.2242740	36	3.2395497	96	3.2543063
57	3.1922886	17	3.2087100	77	3.224533	37	3.2397998	97	3.2545481
58	3.1925674	18	3.2089785	78	3.224792	38	3.2400498	98	2.2547897
59	3.1928461	19	3.2092468	79	3.2250507	39	3.2408996	99	3.2550312

secū da. Gr. Mi. 0. 30.		Gr. Mi. 0. 31.		Gr. Mi. 0. 32.		Gr. Mi. 0. 33.		Gr. Mi. 0. 34.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
1800	3.2552725	1860	3.2695129	1920	3.2833012	1980	3.2966652	2040	3.3096302
1	3.2555137	61	3.2697464	21	3.2835274	81	3.2968845	41	3.3098430
2	3.2557548	62	3.2699797	22	3.2837534	82	3.2971036	42	3.3100557
3	3.2559957	63	3.2702128	23	3.2839793	83	3.2973227	43	3.3102684
4	3.2562365	64	3.2704459	24	3.2842051	84	3.2975417	44	3.3104809
5	3.2564772	65	3.2706788	25	3.2844307	85	3.2977605	45	3.3106933
6	3.2567177	66	3.2709116	26	3.2846563	86	3.2979792	46	3.3109056
7	3.2569582	67	3.2711443	27	3.2848817	87	3.2981979	47	3.3111178
8	3.2571984	68	3.2713769	28	3.2851070	88	3.2984164	48	3.3113299
9	3.2574386	69	3.2716093	29	3.2853322	89	3.2986348	49	3.3115420
10	3.2576786	70	3.2718416	30	3.2855573	90	3.2988531	50	3.3117539
11	3.2579184	71	3.2720738	31	3.2857823	91	3.2990713	51	3.3119657
12	3.2581582	72	3.2723058	32	3.2860071	92	3.2992893	52	3.3121774
13	3.2583978	73	3.2725378	33	3.2862318	93	3.2995073	53	3.3123889
14	3.2586373	74	3.2727696	34	3.2864565	94	3.2997252	54	3.3126004
15	3.2588766	75	3.2730013	35	3.2866810	95	3.2999429	55	3.3128118
16	3.2591158	76	3.2732328	36	3.2869054	96	3.3001605	56	3.3130231
17	3.2593549	77	3.2734643	37	3.2871296	97	3.3003781	57	3.3132343
18	3.2595939	78	3.2736956	38	3.2873538	98	3.3005955	58	3.3134454
19	3.2598327	79	3.2739268	39	3.2875778	99	3.3008128	59	3.3136563
20	3.2600714	80	3.2741578	40	3.2878017	2000	3.3010300	60	3.3138672
21	3.2603099	81	3.2743888	41	3.2880255	1	3.3012471	61	3.3140780
22	3.2605484	82	3.2746196	42	3.2882492	2	3.3014641	62	3.3142887
23	3.2607867	83	3.2748503	43	3.2884728	3	3.3016809	63	3.3144992
24	3.2610248	84	3.2750809	44	3.2886963	4	3.3018977	64	3.3147097
25	3.2612629	85	3.2753113	45	3.2889196	5	3.3021144	65	3.3149200
26	3.2615008	86	3.2755417	46	3.2891428	6	3.3023309	66	3.3151303
27	3.2617385	87	3.2757719	47	3.2893659	7	3.3025474	67	3.3153405
28	3.2619762	88	3.2760020	48	3.2895889	8	3.3027637	68	3.3155505
29	3.2622137	89	3.2762320	49	3.2898118	9	3.3029799	69	3.3157605
30	3.2624511	90	3.2764618	50	3.2960346	10	3.3031961	70	3.3159703
31	3.2626883	91	3.2766915	51	3.2902573	11	3.3034121	71	3.3161801
32	3.2629255	92	3.2769211	52	3.2904798	12	3.3036280	72	3.3163897
33	3.2631625	93	3.2771506	53	3.2907022	13	3.3038438	73	3.3165993
34	3.2633993	94	3.2773800	54	3.2909246	14	3.3040595	74	3.3168087
35	3.2636361	95	3.2776092	55	3.2911468	15	3.3042751	75	3.3170181
36	3.2638727	96	3.2778383	56	3.2913688	16	3.3044905	76	3.3172273
37	3.2641092	97	3.2780673	57	3.2915908	17	3.3047059	77	3.3174365
38	3.2643455	98	3.2782962	58	3.2918127	18	3.3049212	78	3.3176455
39	3.2645817	99	3.2785250	59	3.2920344	19	3.3051363	79	3.3178545
40	3.2648178	1900	3.2787536	60	3.2922561	20	3.3053514	80	3.3180633
41	3.2650538	1	3.2789821	61	3.2924776	21	3.3055663	81	3.3182721
42	3.2652896	2	3.2792105	62	3.2926990	22	3.3057812	82	3.3184807
43	3.2655253	3	3.2794388	63	3.2929203	23	3.3059959	83	3.3186893
44	3.2657609	4	3.2796669	64	3.2931415	24	3.3062105	84	3.3188977
45	3.2659964	5	3.2798950	65	3.2933626	25	3.3064250	85	3.3191061
46	3.2662317	6	3.2801229	66	3.2935835	26	3.3066394	86	3.3193143
47	3.2664669	7	3.2803507	67	3.2938044	27	3.3068537	87	3.3195224
48	3.2667020	8	3.2805784	68	3.2940251	28	3.3070679	88	3.3197305
49	3.2669369	9	3.2808059	69	3.2942457	29	3.3072820	89	3.3199384
50	3.2671717	10	3.2810334	70	3.2944662	30	3.3074960	90	3.3201463
51	3.2674064	11	3.2812607	71	3.2946866	31	3.3077099	91	3.3203540
52	3.2676410	12	3.2814879	72	3.2949069	32	3.3079237	92	3.3205617
53	3.2678754	13	3.2817150	73	3.2951271	33	3.3081374	93	3.3207692
54	3.2681097	14	3.2819419	74	3.2953471	34	3.3083509	94	3.3209767
55	3.2683439	15	3.2821688	75	3.2955671	35	3.3085644	95	3.3211840
56	3.2685780	16	3.2823955	76	3.2957869	36	3.3087778	96	3.3213912
57	3.2688119	17	3.2826221	77	3.2960067	37	3.3089910	97	3.3215984
58	3.2690457	18	3.2828486	78	3.2962263	38	3.3092042	98	3.3218055
59	3.2692794	19	3.2830750	79	3.2964458	39	3.3094172	99	3.3220124

secūda. Gr. Mi. 0. 35.		Gr. Mi. 0. 36.		Gr. Mi. 0. 37.		Gr. Mi. 0. 38.		Gr. Mi. 0. 39.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
2100	3.3222193	2160	3.3344537	2220	3.3463530	2280	3.3579348	2340	3.3692159
1	3.3224260	61	3.3346548	21	3.3465486	81	3.3581253	41	3.3694014
2	3.3226327	62	3.3348557	22	3.3467441	82	3.3583156	42	3.3695869
3	3.3228393	63	3.3350565	23	3.3469395	83	3.3585059	43	3.3697723
4	3.3230457	64	3.3352572	24	3.3471348	84	3.3586961	44	3.3699576
5	3.3232521	65	3.3354579	25	3.3473300	85	3.3588862	45	3.3701428
6	3.3234584	66	3.3356585	26	3.3475252	86	3.3590762	46	3.3703280
7	3.3236645	67	3.3358589	27	3.3477202	87	3.3592662	47	3.3705131
8	3.3238706	68	3.3360593	28	3.3479152	88	3.3594560	48	3.3706981
9	3.3240766	69	3.3362596	29	3.3481101	89	3.3596458	49	3.3708830
10	3.3242825	70	3.3364597	30	3.3483049	90	3.3598355	50	3.3710679
11	3.3244882	71	3.3366598	31	3.3484996	91	3.3600251	51	3.3712526
12	3.3246939	72	3.3368598	32	3.3486942	92	3.3602146	52	3.3714373
13	3.3248995	73	3.3370597	33	3.3488887	93	3.3604041	53	3.3716219
14	3.3251050	74	3.3372595	34	3.3490832	94	3.3605934	54	3.3718065
15	3.3253104	75	3.3374593	35	3.3492775	95	3.3607827	55	3.3719909
16	3.3255157	76	3.3376589	36	3.3494718	96	3.3609719	56	3.3721753
17	3.3257209	77	3.3378584	37	3.3496660	97	3.3611610	57	3.3723596
18	3.3259260	78	3.3380579	38	3.3498601	98	3.3613500	58	3.3725438
19	3.3261310	79	3.3382572	39	3.3500541	99	3.3615390	59	3.3727279
20	3.3263359	80	3.3384565	40	3.3502480	2300	3.3617278	60	3.3729120
21	3.3265407	81	3.3386557	41	3.3504419	1	3.3619166	61	3.3730960
22	3.3267454	82	3.3388547	42	3.3506356	2	3.3621053	62	3.3732799
23	3.3269500	83	3.3390537	43	3.3508293	3	3.3622939	63	3.3734637
24	3.3271545	84	3.3392526	44	3.3510228	4	3.3624825	64	3.3736475
25	3.3273589	85	3.3394514	45	3.3512163	5	3.3626709	65	3.3738311
26	3.3275633	86	3.3396501	46	3.3514098	6	3.3628593	66	3.3740147
27	3.3277675	87	3.3398488	47	3.3516031	7	3.3630476	67	3.3741983
28	3.3279716	88	3.3400473	48	3.3517963	8	3.3632358	68	3.3743817
29	3.3281757	89	3.3402458	49	3.3519895	9	3.3634239	69	3.3745651
30	3.3283796	90	3.3404441	50	3.3521825	10	3.3636120	70	3.3747483
31	3.3285834	91	3.3406424	51	3.3523755	11	3.3637999	71	3.3749316
32	3.3287872	92	3.3408405	52	3.3525684	12	3.3639878	72	3.3751147
33	3.3289909	93	3.3410386	53	3.3527612	13	3.3641756	73	3.3752977
34	3.3291944	94	3.3412366	54	3.3529539	14	3.3643633	74	3.3754807
35	3.3293979	95	3.3414345	55	3.3531465	15	3.3645510	75	3.3756636
36	3.3296012	96	3.3416323	56	3.3533391	16	3.3647386	76	3.3758464
37	3.3298045	97	3.3418301	57	3.3535316	17	3.3649260	77	3.3760292
38	3.3300077	98	3.3420277	58	3.3537239	18	3.3651134	78	3.3762118
39	3.3302108	99	3.3422252	59	3.3539162	19	3.3653007	79	3.3763944
40	3.3304138	2200	3.3424227	60	3.3541084	20	3.3654880	80	3.3765769
41	3.3306167	1	3.3426200	61	3.3543006	21	3.3656751	81	3.3767594
42	3.3308195	2	3.3428173	62	3.3544926	22	3.3658622	82	3.3769417
43	3.3310222	3	3.3430145	63	3.3546846	23	3.3660492	83	3.3771240
44	3.3312248	4	3.3432116	64	3.3548764	24	3.3662361	84	3.3773062
45	3.3314273	5	3.3434086	65	3.3550682	25	3.3664230	85	3.3774884
46	3.3316297	6	3.3436055	66	3.3552599	26	3.3666097	86	3.3776704
47	3.3318320	7	3.3438023	67	3.3554515	27	3.3667964	87	3.3778524
48	3.3320343	8	3.3439991	68	3.3556430	28	3.3669830	88	3.3780343
49	3.3322364	9	3.3441957	69	3.3558345	29	3.3671695	89	3.3782161
50	3.3324385	10	3.3443923	70	3.3560259	30	3.3673559	90	3.3783979
51	3.3326404	11	3.3445887	71	3.3562171	31	3.3675423	91	3.3785796
52	3.3328423	12	3.3447851	72	3.3564083	32	3.3677285	92	3.3787612
53	3.3330440	13	3.3449814	73	3.3565994	33	3.3679147	93	3.3789427
54	3.3332457	14	3.3451776	74	3.3567905	34	3.3681008	94	3.3791241
55	3.3334473	15	3.3453737	75	3.3569814	35	3.3682869	95	3.3793055
56	3.3336488	16	3.3455698	76	3.3571723	36	3.3684728	96	3.3794868
57	3.3338501	17	3.3457657	77	3.3573630	37	3.3686587	97	3.3796680
58	3.3340514	18	3.3459615	78	3.3575537	38	3.3688445	98	3.3798492
59	3.3342526	19	3.3461573	79	3.3577443	39	3.3690302	99	3.3800302

fecū da. Gr. Mi. 0. 40.		Gr. Mi. 0. 41.		Gr. Mi. 0. 42.		Gr. Mi. 0. 43.		Gr. Mi. 0. 44.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
2400	3.3802112	2460	3.3909351	2520	3.4014005	2580	3.4116197	2640	3.4216039
1	3.3803922	61	3.3911116	21	3.4015728	81	3.4117880	41	3.4217684
2	3.3805730	62	3.3912880	22	3.4017451	82	3.4119562	42	3.4219328
3	3.3807538	63	3.3914644	23	3.4019173	83	3.4121244	43	3.4220972
4	3.3809345	64	3.3916407	24	3.4020893	84	3.4122925	44	3.4222614
5	3.3811151	65	3.3918169	25	3.4022614	85	3.4124605	45	3.4224257
6	3.3812956	66	3.3919931	26	3.4024333	86	3.4126285	46	3.4225898
7	3.3814761	67	3.3921691	27	3.4026052	87	3.4127964	47	3.4227539
8	3.3816565	68	3.3923452	28	3.4027771	88	3.4129643	48	3.4229180
9	3.3818368	69	3.3925211	29	3.4029488	89	3.4131320	49	3.4230820
10	3.3820170	70	3.3926969	30	3.4031205	90	3.4132998	50	3.4232459
11	3.3821972	71	3.3928727	31	3.4032921	91	3.4134674	51	3.4234097
12	3.3823773	72	3.3930485	32	3.4034637	92	3.4136350	52	3.4235735
13	3.3825573	73	3.3932241	33	3.4036352	93	3.4138025	53	3.4237372
14	3.3827373	74	3.3933997	34	3.4038066	94	3.4139700	54	3.4239009
15	3.3829171	75	3.3935752	35	3.4039780	95	3.4141374	55	3.4240645
16	3.3830969	76	3.3937506	36	3.4041492	96	3.4143047	56	3.4242281
17	3.3832766	77	3.3939260	37	3.4043205	97	3.4144719	57	3.4243916
18	3.3834563	78	3.3941013	38	3.4044916	98	3.4146391	58	3.4245550
19	3.3836359	79	3.3942765	39	3.4046627	99	3.4148063	59	3.4247183
20	3.3838154	80	3.3944517	40	3.4048337	2600	3.4149733	60	3.4248816
21	3.3839948	81	3.3946268	41	3.4050047	1	3.4151404	61	3.4250449
22	3.3841741	82	3.3948018	42	3.4051755	2	3.4153073	62	3.4252080
23	3.3843534	83	3.3949767	43	3.4053464	3	3.4154742	63	3.4253712
24	3.3845320	84	3.3951516	44	3.4055171	4	3.4156410	64	3.4255342
25	3.3847117	85	3.3953264	45	3.4056878	5	3.4158077	65	3.4256972
26	3.3848908	86	3.3955011	46	3.4058584	6	3.4159744	66	3.4258601
27	3.3850698	87	3.3956758	47	3.4060289	7	3.4161410	67	3.4260230
28	3.3852487	88	3.3958504	48	3.4061994	8	3.4163076	68	3.4261858
29	3.3854275	89	3.3960249	49	3.4063698	9	3.4164741	69	3.4263486
30	3.3856063	90	3.3961993	50	3.4065402	10	3.4166405	70	3.4265113
31	3.3857850	91	3.3963737	51	3.4067105	11	3.4168069	71	3.4266739
32	3.3859636	92	3.3965480	52	3.4068807	12	3.4169732	72	3.4268365
33	3.3861421	93	3.3967223	53	3.4070508	13	3.4171394	73	3.4269990
34	3.3863206	94	3.3968964	54	3.4072209	14	3.4173056	74	3.4271614
35	3.3874990	95	3.3970705	55	3.4073909	15	3.4174717	75	3.4273238
36	3.3866773	96	3.3972446	56	3.4075608	16	3.4176377	76	3.4274861
37	3.3868555	97	3.3974185	57	3.4077307	17	3.4178037	77	5.4276484
38	3.3870337	98	3.3975924	58	3.4079005	18	3.4179695	78	3.4278106
39	3.3872118	99	3.3977662	59	3.4080703	19	3.4181355	79	3.4279727
40	3.3873898	2500	3.3979400	60	3.4082400	20	3.4183013	80	3.4281348
41	3.3875678	1	3.3981137	61	3.4084096	21	3.4184670	81	3.4282968
42	3.3877457	2	3.3982873	62	3.4085791	22	3.4186327	82	3.4284588
43	3.3879235	3	3.3984608	63	3.4087486	23	3.4187983	83	3.4286207
44	3.3881012	4	3.3986343	64	3.4089180	24	3.4189638	84	3.4287825
45	3.3882789	5	3.3988077	65	3.4090874	25	3.4191293	85	3.4289443
46	3.3884565	6	3.3989811	65	3.4092567	26	3.4192947	86	3.4291060
47	5.3886340	7	3.3991543	67	3.4094259	27	3.4194601	87	3.4292677
48	3.3888114	8	3.3993275	68	3.4095950	28	3.4196254	88	3.4294293
49	3.3889888	9	3.3995007	69	3.4097641	29	3.4197906	89	3.4295908
50	3.3891661	10	3.3096737	70	3.4099331	30	3.4199557	90	3.4297523
51	3.3893433	11	3.3998467	71	3.4101021	31	3.4201208	91	3.4299137
52	3.3895205	12	3.4000196	72	3.4102710	32	3.4202859	92	3.4300751
53	3.3896975	13	3.4001925	73	3.4104398	33	3.4204509	93	3.4302363
54	3.3898746	14	3.4003653	74	3.4106085	34	3.4206158	94	3.4303976
55	3.3900515	15	3.4005380	75	3.4107772	35	3.4207806	95	3.4305588
56	3.3902284	16	3.4007106	76	3.4109459	36	3.4209454	96	3.4307199
57	3.3904052	17	3.4008832	77	3.4111144	37	3.4211101	97	3.4308809
58	3.3905819	18	3.4010557	78	3.4112829	38	3.4212748	98	3.4310419
59	3.3907585	19	3.4012282	79	3.4114513	39	3.4214394	99	3.4312029

Secunda.	Gr. Mi. 0. 45.		Gr. Mi. 0. 46.		Gr. Mi. 0. 47.		Gr. Mi. 0. 48.		Gr. Mi. 0. 49.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
2700	3.4313638	2760	3.4409091	2820	3.4502491	2880	3.4593925	2940	3.4683473
1	3.4315246	61	3.4410664	21	3.4504031	81	3.4595433	41	3.4684950
2	3.4316853	62	3.4412237	22	3.4505570	82	3.4596940	42	3.4686427
3	3.4318460	63	3.4413809	23	3.4507109	83	3.4598446	43	3.4687903
4	3.4320067	64	3.4415380	24	3.4508647	84	3.4599953	44	3.4689378
5	3.4321673	65	3.4416951	25	3.4510184	85	3.4601458	45	3.4690853
6	3.4323278	66	3.4418522	26	3.4511721	86	3.4602963	46	3.4692327
7	3.4324882	67	3.4420092	27	3.4513258	87	3.4604468	47	3.4693801
8	3.4326487	68	3.4421661	28	3.4514794	88	3.4605972	48	3.4695275
9	3.4328090	69	3.4423229	29	3.4516329	89	3.4607475	49	3.4696748
10	3.4329693	70	3.4424798	30	3.4517864	90	3.4608978	50	3.4698220
11	3.4331295	71	3.4426365	31	3.4519399	91	3.4610481	51	3.4699692
12	3.4332897	72	3.4427932	32	3.4520932	92	3.5611983	52	3.4701163
13	3.4334498	73	3.4429499	33	3.4522466	93	3.4613484	53	3.4702634
14	3.4336098	74	3.4431065	34	3.4523998	94	3.4614985	54	3.4704105
15	3.4337698	75	3.4432630	35	3.4525531	95	3.4616486	55	3.4705575
16	3.4339298	76	3.4434195	36	3.4527062	96	3.4617986	56	3.4707044
17	3.4340896	77	3.4435759	37	3.4528593	97	3.4619485	57	3.4708513
18	3.4342494	78	3.4437322	38	3.4530124	98	3.4620984	58	3.4709982
19	3.4344092	79	3.4438885	39	3.4531654	99	3.4622482	59	3.4711450
20	3.4345689	80	3.4440448	40	3.4533183	2900	3.4623980	60	3.4712917
21	3.4347285	81	3.4442010	41	3.4534712	1	3.4625477	61	3.4714384
22	3.4348881	82	3.4443571	42	3.4536241	2	3.4626974	62	3.4715851
23	3.4350476	83	3.4445132	43	3.4537769	3	3.4628470	63	3.4717317
24	3.4352071	84	3.4446692	44	3.4539296	4	3.4629966	64	3.4718782
25	3.4353665	85	3.4448252	45	3.4540823	5	3.4631461	65	3.4720247
26	3.4355258	86	3.4449811	46	3.4542349	6	3.4632956	66	3.4721711
27	3.4356851	87	3.4451370	47	3.4543875	7	3.4634450	67	3.4723175
28	3.4358444	88	3.4452928	48	3.4545400	8	3.4635944	68	3.4724639
29	3.4360035	89	3.4454485	49	3.4546924	9	3.4637437	69	3.4726102
30	3.4361626	90	3.4456042	50	3.4548449	10	3.4638930	70	3.4727564
31	3.4363217	91	3.4457598	51	3.4549972	11	3.4640422	71	3.4729027
32	3.4364807	92	3.4459154	52	3.4551495	12	3.4641914	72	3.4730488
33	3.4366396	93	3.4460709	53	3.4553018	13	3.4643405	73	3.4731949
34	3.4367985	94	3.4462264	54	3.4554540	14	3.4644895	74	3.4733410
35	3.4369573	95	3.4463818	55	3.4556061	15	3.4646386	75	3.4734870
36	3.4371161	96	3.4465372	56	3.4557582	16	3.4647875	76	3.4736329
37	3.4372748	97	3.4466925	57	3.4559102	17	3.4649364	77	3.4737788
38	3.4374334	98	3.4468477	58	3.4560622	18	3.4650853	78	3.4739247
39	3.4375920	99	3.4470029	59	3.4562142	19	3.4652341	79	3.4740705
40	3.4377506	2800	3.4471580	60	3.4563660	20	3.4653828	80	3.4742163
41	3.4379090	1	3.4473131	61	3.4565179	21	3.4655316	81	3.4743620
42	3.4380674	2	3.4474681	62	3.4566696	22	3.4656802	82	3.4745076
43	3.4382258	3	3.4476231	63	3.4568213	23	3.4658288	83	3.4746533
44	3.4383841	4	3.4477780	64	3.4569730	24	3.4659774	84	3.4747988
45	3.4385423	5	3.4479329	65	3.4571246	25	3.4661259	85	3.4749443
46	3.4387005	6	3.4480877	66	3.4572762	26	3.4662743	86	3.4750898
47	3.4388587	7	3.4482424	67	3.4574277	27	3.4664227	87	3.4752352
48	3.4390167	8	3.4483971	68	3.4575791	28	3.4665711	88	3.4753806
49	3.4391747	9	3.4485517	69	3.4577305	29	3.4667194	89	3.4755259
50	3.4393327	10	3.4487063	70	3.4578819	30	3.4668676	90	3.4756712
51	3.4394906	11	3.4488608	71	3.4580332	31	3.4670158	91	3.4758164
52	3.4396484	12	3.4490153	72	3.4581844	32	3.4671640	92	3.4759616
53	3.4398062	13	3.4491697	73	3.4583356	33	3.4673121	93	3.4761067
54	3.4399639	14	3.4493241	74	3.4584867	34	3.4674601	94	3.4762518
55	3.4401216	15	3.4494784	75	3.4586378	35	3.4676081	95	3.4763968
56	3.4402792	16	3.4496326	76	3.4587889	36	3.4677560	96	3.4765418
57	3.4404368	17	3.4497868	77	3.4589399	37	3.4679039	97	3.4766867
58	3.4405943	18	3.4499410	78	3.4590908	38	3.4680518	98	3.4768316
59	3.4407517	19	3.4500951	79	3.4592417	39	3.4681996	99	3.4769765

secunda	Gr. Mi. 0. 50.		Gr. Mi. 0. 51.		Gr. Mi. 0. 52.		Gr. Mi. 0. 53.		Gr. Mi. 0. 54.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
3000	3.4771212	3060	3.4857214	3120	3.4941546	3180	3.5024271	3240	3.5105450
1	3.4772660	61	3.4858633	21	3.4942938	81	3.5025637	41	3.5106790
2	3.4774107	62	3.4860052	22	3.4944329	82	3.5027002	42	3.5108130
3	3.4775553	63	3.4861470	23	3.4945720	83	3.5028366	43	3.5109469
4	3.4776999	64	3.4862888	24	3.4947110	84	3.5029731	44	3.5110808
5	3.4778445	65	3.4864305	25	3.4948500	85	3.5031094	45	3.5112147
6	3.4779890	66	3.4865721	26	3.4949890	86	3.5032458	46	3.5113485
7	3.4781334	67	3.4867138	27	3.4951279	87	3.5033821	47	3.5114823
8	3.4782778	68	3.4868554	28	3.4952667	88	3.5035183	48	3.5116160
9	3.4784222	69	3.4869969	29	3.4954056	89	3.5036545	49	3.5117497
10	3.4785665	70	3.4871384	30	3.4955443	90	3.5037907	50	3.5118834
11	3.4787108	71	3.4872798	31	3.4956831	91	3.5039268	51	3.5120170
12	3.4788550	72	3.4874212	32	3.4958218	92	3.5040629	52	3.5121505
13	3.4789991	73	3.4875626	33	3.4959604	93	3.5041989	53	4.5122841
14	3.4791432	74	3.4877039	34	3.4960990	94	3.5043349	54	3.5124175
15	3.4792873	75	3.4878451	35	3.4962375	95	3.5044709	55	3.5125510
16	3.4794313	76	3.4879863	36	3.4963761	96	3.5046068	56	3.5126844
17	3.4795753	77	3.4881275	37	3.4965145	97	3.5047426	57	3.5128178
18	3.4797192	78	3.4882686	38	3.4966529	98	3.5048785	58	3.5129511
19	3.4798631	79	3.4884097	39	3.4967913	99	3.5050142	59	3.5130844
20	3.4800069	80	3.4885507	40	3.4969296	3200	3.5051500	60	3.5132176
21	3.4801507	81	3.4886917	41	3.4970679	1	3.5052857	61	3.5133508
22	3.4802945	82	3.4888326	42	3.4972062	2	3.5054213	62	3.5134840
23	3.4804381	83	3.4889735	43	3.4973444	3	3.5055569	63	3.5136171
24	3.4805818	84	3.4891144	44	3.4974825	4	3.5056925	64	3.5137501
25	3.4807254	85	3.4892552	45	3.4976206	5	3.5058280	65	3.5138832
26	3.4808680	86	3.4893959	46	3.4977587	6	3.5059635	66	3.5140162
27	3.4810124	87	3.4895366	47	3.4978967	7	3.5060990	67	3.5141491
28	3.4811559	88	3.4896773	48	3.4980347	8	3.5062344	68	3.5142820
29	3.4812993	89	3.4898179	49	3.4981727	9	3.5063697	69	3.5144149
30	3.4814426	90	3.4899585	50	3.4983106	10	3.5065050	70	3.5145478
31	3.4815859	91	3.4900990	51	3.4984484	11	3.5066403	71	3.5146805
32	3.4817292	92	3.4902395	52	3.4985862	12	3.5067755	72	3.5148133
33	3.4818724	93	3.4903799	53	3.4987240	13	3.5069107	73	3.5149460
34	3.4820156	94	3.4905203	54	3.4988617	14	3.5070459	74	3.5150787
35	3.4821587	95	3.4906607	55	3.4989994	15	3.5071810	75	3.5152113
36	3.4823018	96	3.4908009	56	3.4991370	16	3.5073160	76	3.5153439
37	3.4824448	97	3.4909412	57	3.4992746	17	3.5074511	77	3.5154764
38	3.4825878	98	3.4910814	58	3.4994121	18	3.5075860	78	3.5156089
39	3.4827307	99	3.4912216	59	3.4995496	19	3.5077210	79	3.5157414
40	3.4828736	3100	3.4913617	60	3.4996871	20	3.5078559	80	3.5158738
41	3.4830164	1	3.4915018	61	3.4998245	21	3.5079907	81	3.5160062
42	3.4831592	2	3.4916418	62	3.4999619	22	3.5081255	82	3.5161386
43	3.4833019	3	3.4917818	63	3.5000992	23	3.5082603	83	3.5162709
44	3.4834446	4	3.4919217	64	3.5002365	24	3.5083950	84	3.5164031
45	3.4835873	5	3.4920616	65	3.5003737	25	3.5085297	85	3.5165354
46	3.4837299	6	3.4922014	66	3.5005109	26	3.5086644	86	3.5166676
47	3.4838725	7	3.4923413	67	3.5006481	27	3.5087990	87	3.5167997
48	3.4840150	8	3.4924810	68	3.5007851	28	3.5089335	88	3.5169318
49	3.4841574	9	3.4926207	69	3.5009222	29	3.5090680	89	3.5170639
50	3.4842998	10	3.4927604	70	3.5010593	30	3.5092025	90	3.5171959
51	3.4844422	11	3.4929000	71	3.5011962	31	3.5093370	91	3.5173279
52	3.4845845	12	3.4930396	72	3.5013332	32	3.5094713	92	3.5174598
53	3.4847268	13	3.4931791	73	3.5014701	33	3.5096057	93	3.5175917
54	3.4848690	14	3.4933186	74	3.5016069	34	3.5097400	94	3.5177235
55	3.4850112	15	3.4934580	75	3.5017437	35	3.5098743	95	3.5178554
56	3.4851533	16	3.4935974	76	3.5018805	36	3.5100085	96	3.5179872
57	3.4852954	17	3.4937368	77	3.5020172	37	3.5101427	97	3.5181189
58	3.4854375	18	3.4938761	78	3.5021539	38	3.5102768	98	3.5182506
59	3.4855795	19	3.4940154	79	3.5022905	39	3.5104109	99	3.5183823

Secū da. Gr. Mi. 0. 55		Gr. Mi. 0. 56.		Gr. Mi. 0. 57.		Gr. Mi. 0. 58.		Gr. Mi. 0. 59.	
Nu.	Logarith.	Nu	Logarith.	Nu.	Logarith.	Nu	Logarith.	Nu.	Logarith.
3300	3.5185139	3360	3.5263393	3420	3.5340261	3480	3.5415792	3540	3.5490033
1	3.5186455	61	3.5264685	21	3.5341531	81	3.5417040	41	3.5491259
2	3.5187771	62	3.5265977	22	3.5342800	82	3.5418288	42	3.5492485
3	3.5189086	63	3.5267269	23	3.5344069	83	3.5419535	43	3.5493712
4	3.5190400	64	3.5268560	24	3.5345338	84	3.5420781	44	3.5494937
5	3.5191715	65	3.5269851	25	3.5346606	85	3.5422028	45	3.5496162
6	3.5193028	66	3.5271141	26	3.5347874	86	3.5423274	46	3.5497387
7	3.5194342	67	3.5272431	27	3.5349141	87	3.5424519	47	3.5498612
8	3.5195655	68	3.5273721	28	3.5350408	88	3.5425765	48	3.5499836
9	3.5196968	69	3.5275010	29	3.5351675	89	3.5427010	49	3.5501060
10	3.5198280	70	3.5276299	30	3.5352941	90	3.5428254	50	3.5502283
11	3.5199592	71	3.5277588	31	3.5354207	91	3.5429498	51	3.5503507
12	3.5200903	72	3.5278876	32	3.5355473	92	3.5430742	52	3.5504730
13	3.5202214	73	3.5280163	33	3.5356738	93	3.5431986	53	3.5505952
14	3.5203525	74	3.5281451	34	3.5358003	94	3.5433229	54	3.5507174
15	3.5204835	75	3.5282738	35	3.5359267	95	3.5434472	55	3.5508396
16	3.5206145	76	3.5284024	36	3.5360532	96	3.5435714	56	3.5509618
17	3.5207455	77	3.5285311	37	3.5361795	97	3.5436956	57	3.5510839
18	3.5208764	78	3.5286596	38	3.5363059	98	3.5438198	58	3.5512059
19	3.5210073	79	3.5287882	39	3.5364322	99	3.5439439	59	3.5513280
20	3.5211381	80	3.5289167	40	3.5365584	3500	3.5440680	60	3.5514500
21	3.5212689	81	3.5290452	41	3.5366847	1	3.5441921	61	3.5515720
22	3.5213996	82	3.5291736	42	3.5368109	2	3.5443161	62	3.5516939
23	3.5215303	83	3.5293020	43	3.5369370	3	3.5444401	63	3.5518158
24	3.5216610	84	3.5294303	44	3.5370631	4	3.5445641	64	3.5519377
25	3.5217916	85	3.5295587	45	3.5371892	5	3.5446880	65	3.5520595
26	3.5219222	86	3.5296869	46	3.5373153	6	3.5448119	66	3.5521813
27	3.5220528	87	3.5298152	47	3.5374413	7	3.5449358	67	3.5523031
28	3.5221833	88	3.5299434	48	3.5375672	8	3.5450596	68	3.5524248
29	3.5223138	89	3.5300716	49	3.5376932	9	3.5451834	69	3.5525465
30	3.5224442	90	3.5301997	50	3.5378191	10	3.5453071	70	3.5526682
31	3.5225746	91	3.5303278	51	3.5379450	11	3.5454308	71	3.5527898
32	3.5227050	92	3.5304558	52	3.5380708	12	3.5455545	72	3.5529114
33	3.5228353	93	3.5305839	53	3.5381966	13	3.5456781	73	3.5530330
34	3.5229656	94	3.5307118	54	3.5383223	14	3.5458017	74	3.5531545
35	3.5230958	95	3.5308398	55	3.5384481	15	3.5459253	75	3.5532760
36	3.5232260	96	3.5309677	56	3.5385737	16	3.5460489	76	3.5533975
37	3.5233562	97	3.5310955	57	3.5386994	17	3.5461724	77	3.5535189
38	3.5234863	98	3.5312234	58	3.5388250	18	3.5462958	78	3.5536403
39	3.5236164	99	3.5313512	59	3.5389506	19	3.5464193	79	3.5537617
40	3.5237465	3400	3.5314789	60	3.5390761	20	3.5465427	80	3.5538830
41	3.5238765	1	3.5316066	61	3.5392016	21	3.5466660	81	3.5540043
42	3.5240064	2	3.5317343	62	3.5393271	22	3.5467894	82	3.5541256
43	3.5241363	3	3.5318619	63	3.5394525	23	3.5469126	83	3.5542468
44	3.5242663	4	3.5319895	64	3.5395779	24	3.5470359	84	3.5543680
45	3.5243961	5	3.5321171	65	3.5397032	25	3.5471591	85	3.5544892
46	3.5245259	6	3.5322446	66	3.5398286	26	3.5472823	86	3.5546103
47	3.5246557	7	3.5323721	67	3.5399538	27	3.5474055	87	3.5547314
48	3.5247854	8	3.5324996	68	3.5400791	28	3.5475286	88	3.5548524
49	3.5249151	9	3.5326270	69	3.5402043	29	3.5476517	89	3.5549735
50	3.5250448	10	3.5327544	70	3.5403295	30	3.5477747	90	3.5550944
51	3.5251744	11	3.5328817	71	3.5404546	31	3.5478977	91	3.5552154
52	3.5253040	12	3.5330090	72	3.5405797	32	3.5480207	92	3.5553363
53	3.5254335	13	3.5331363	73	3.5407048	33	3.5481436	93	3.5554572
54	3.5255631	14	3.5332635	74	3.5408298	34	3.5482665	94	3.5555781
55	3.5256925	15	3.5333907	75	3.5409548	35	3.5483894	95	3.5556989
56	3.5258219	16	3.5335179	76	3.5410798	36	3.5485123	96	3.5558197
57	3.5259513	17	3.5336450	77	3.5412047	37	3.5486351	97	3.5559404
58	3.5260807	18	3.5337721	78	3.5413296	38	3.5487578	98	3.5560612
59	3.5262100	19	3.5338991	79	3.5414544	39	3.5488806	99	3.5561818

ſecūda. Gr. Ms. 1. 0.		Gr. Mi. 1. 1.		Gr. Mi. 1. 2.		Gr. Mi. 1. 3.		Gr. Mi. 1. 4.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
3600	3.5563025	3660	3.5634811	3720	3.5705429	3780	3.5774918	3840	3.5843312
1	3.5564231	61	3.5635997	21	3.5706597	81	3.5776067	41	3.5844443
2	3.5565437	62	3.5637183	22	3.5707764	82	3.5777215	42	3.5845574
3	3.5566643	63	3.5638369	23	3.5708930	83	3.5778363	43	3.5846704
4	3.5567848	64	3.5639555	24	3.5710097	84	3.5779511	44	3.5847834
5	3.5569053	65	3.5640740	25	3.5711263	85	3.5780659	45	3.5848963
6	3.5570257	66	3.5641925	26	3.5712428	86	3.5781806	46	3.5850093
7	3.5571461	67	3.5643109	27	3.5713594	87	3.5782953	47	3.5851222
8	3.5572665	68	3.5644293	28	3.5714759	88	3.5784100	48	3.5852351
9	3.5573869	69	3.5645477	29	3.5715924	89	3.5785246	49	3.5853479
10	3.5575072	70	3.5646661	30	3.5717088	90	3.5786392	50	3.5854607
11	3.5576275	71	3.5647844	31	3.5718252	91	3.5787538	51	3.5855735
12	3.5577477	72	3.5649027	32	3.5719416	92	3.5788683	52	3.5856863
13	3.5578680	73	3.5650209	33	3.5720580	93	3.5789828	53	3.5857990
14	3.5579881	74	3.5651392	34	3.5721743	94	3.5790973	54	3.5859117
15	3.5581083	75	3.5652573	35	3.5722906	95	3.5792118	55	3.5860244
16	3.5582284	76	3.5653755	36	3.5724069	96	3.5793262	56	3.5861370
17	3.5583485	77	3.5654936	37	3.5725231	97	3.5794406	57	3.5862496
18	3.5584686	78	3.5656117	38	3.5726393	98	3.5795550	58	3.5863622
19	3.5585886	79	3.5657298	39	3.5727555	99	3.5796693	59	3.5864748
20	3.5587086	80	3.5658478	40	3.5728716	3800	3.5797836	60	3.5865873
21	3.5588285	81	3.5659658	41	3.5729877	1	3.5798979	61	3.5866998
22	3.5589484	82	3.5660838	42	3.5731038	2	3.5800121	62	3.5868123
23	3.5590683	83	3.5662017	43	3.5732198	3	3.5801263	63	3.5869247
24	3.5591882	84	3.5663196	44	3.5733358	4	3.5802405	64	3.5870371
25	3.5593080	85	3.5664375	45	3.5734518	5	3.5803547	65	3.5871495
26	3.5594278	86	3.5665553	46	3.5735678	6	3.5804688	66	3.5872618
27	3.5595476	87	3.5666731	47	3.5736837	7	3.5805829	67	3.5873742
28	3.5596673	88	3.5667909	48	3.5737996	8	3.5806969	68	3.5874865
29	3.5597870	89	3.5669087	49	3.5739154	9	3.5808110	69	3.5875987
30	3.5599066	90	3.5670264	50	3.5740313	10	3.5809250	70	3.5877110
31	3.5600262	91	3.5671440	51	3.5741471	11	3.5810389	71	3.5878232
32	3.5601458	92	3.5672617	52	3.5742628	12	3.5811529	72	3.5879353
33	3.5602654	93	3.5673793	53	3.5743786	13	3.5812668	73	3.5880475
34	3.5603849	94	3.5674969	54	3.5744943	14	3.5813807	74	3.5881596
35	3.5605044	95	3.5676144	55	3.5746099	15	3.5814945	75	3.5882717
36	3.5606239	96	3.5677320	56	3.5747256	16	3.5816084	76	3.5883838
37	3.5607433	97	3.5678494	57	3.5748412	17	3.5817222	77	3.5884958
38	3.5608627	98	3.5679669	58	3.5749568	18	3.5818359	78	3.5886078
39	3.5609820	99	3.5680843	59	3.5750723	19	3.5819497	79	3.5887198
40	3.5611014	3700	3.5682017	60	3.5751878	20	3.5820634	80	3.5888317
41	3.5612207	1	3.5683191	61	3.5753033	21	3.5821770	81	3.5889436
42	3.5613399	2	3.5684364	62	3.5754188	22	3.5822907	82	3.5890555
43	3.5614592	3	3.5685537	63	3.5755342	23	3.5824043	83	3.5891674
44	3.5615784	4	3.5686710	64	3.5756496	24	3.5825179	84	3.5892792
45	3.5616975	5	3.5687882	65	3.5757650	25	3.5826314	85	3.5893910
46	3.5618167	6	3.5689054	66	3.5758803	26	3.5827450	86	3.5895028
47	3.5619358	7	3.5690226	67	3.5759956	27	3.5828585	87	3.5896145
48	3.5620548	8	3.5691397	68	3.5761109	28	3.5829719	88	3.5897262
49	3.5621739	9	3.5692568	69	3.5762261	29	3.5830854	89	3.5898379
50	3.5622929	10	3.5693739	70	3.5763414	30	3.5831988	90	3.5899496
51	3.5624118	11	3.5694910	71	3.5764565	31	3.5833122	91	3.5900612
52	3.5625308	12	3.5696080	72	3.5765717	32	3.5834255	92	3.5901728
53	3.5626497	13	3.5697249	73	3.5766868	33	3.5835388	93	3.5902844
54	3.5627685	14	3.5698419	74	3.5768019	34	3.5836521	94	3.5903959
55	3.5628874	15	3.5699588	75	3.5769169	35	3.5837654	95	3.5905075
56	3.5630062	16	3.5700757	76	3.5770320	36	3.5838786	96	3.5906180
57	3.5631250	17	3.5701926	77	3.5771470	37	3.5839918	97	3.5907304
58	3.5632437	18	3.5703094	78	3.5772620	38	3.5841050	98	3.5908418
59	3.5633624	19	3.5704262	79	3.5773769	39	3.5842181	99	3.5909532

fecti. dd.	Gr. Mi. 1. 5.		Gr. Mi. 1. 6.		Gr. Mi. 1. 7.		Gr. Mi. 1. 8.		Gr. Mi. 1. 9.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
3900	3.5910646	3960	3.5976952	4020	3.6042261	4080	3.6106602	4140	3.6170003
1	3.5911759	61	3.5978048	21	3.6043341	81	3.6107666	41	3.6171052
2	3.5912873	62	3.5979145	22	3.6044421	82	2.6108730	42	3.6172101
3	3.5913985	63	3.5980241	23	3.6045500	83	3.6109794	43	3.6173149
4	3.5915098	64	3.5981336	24	3.6046580	84	3.6110857	44	3.6174197
5	3.5916210	65	3.5982432	25	3.6047659	85	3.6111921	45	3.6175245
6	3.5917322	66	3.5983527	26	3.6048738	86	3.6112984	46	3.6176293
7	3.5918434	67	3.5984622	27	3.6049816	87	3.6114046	47	3.6177340
8	3.5919546	68	3.5985717	28	3.6050895	88	3.6115109	48	3.6178387
9	3.5920657	69	3.5986811	29	3.6051973	89	3.6116171	49	3.6179434
10	3.5921768	70	3.5987905	30	3.6053050	90	3.6117233	50	3.6180481
11	3.5922878	71	3.5988999	31	3.6054128	91	3.6118295	51	3.6181527
12	3.5923988	72	3.5990092	32	3.6055205	92	3.6119356	52	3.6182573
13	3.5925098	73	3.5991186	33	3.6056282	93	3.6120417	53	3.6183619
14	3.5926208	74	3.5992279	34	3.6057359	94	3.6121478	54	3.6184665
15	3.5927318	75	3.5993371	35	3.6058435	95	3.6122539	55	3.6185710
16	3.5928427	76	3.5994464	36	3.6059512	96	3.6123599	56	3.6186755
17	3.5929536	77	3.5995556	37	3.6060587	97	3.6124660	57	3.6187800
18	3.5930644	78	3.5996648	38	3.6061663	98	3.6125720	58	3.6188845
19	3.5931753	79	3.5997739	39	3.6062738	99	3.6126779	59	3.6189889
20	3.5932861	80	3.5998831	40	3.6063814	4100	3.6127839	60	3.6190933
21	3.5933968	81	3.5999922	41	3.6064888	1	3.6128898	61	2.6191977
22	3.5935076	82	3.6001013	42	3.6065963	2	3.6129957	62	3.6193021
23	3.5936183	83	3.6002103	43	3.6067037	3	3.6131015	63	3.6194064
24	3.5937290	84	3.6003193	44	3.6068111	4	3.6132073	64	3.6195107
25	3.5938397	85	3.6004283	45	3.6069185	5	3.6133132	65	3.6196150
26	3.5939503	86	3.6005373	46	3.6070259	6	3.6134189	66	3.6197193
27	3.5940609	87	3.6006462	47	3.6071332	7	3.6135247	67	3.6198235
28	3.5941715	88	3.6007551	48	3.6072405	8	3.6136304	68	3.6199277
29	3.5942820	89	3.6008640	49	3.6073478	9	3.6137361	69	3.6200319
30	3.5943925	90	3.6009729	50	3.6074550	10	3.6138418	70	3.6201360
31	3.5945030	91	3.6010817	51	3.6075622	11	3.6139475	71	3.6202402
32	3.5946135	92	3.6011905	52	3.6076694	12	3.6140531	72	3.6203443
33	3.5947239	93	3.6012993	53	3.6077766	13	3.6141587	73	3.6204484
34	3.5948344	94	3.6014080	54	3.6078837	14	3.6142643	74	3.6205524
35	3.5949447	95	3.6015168	55	3.6079909	15	3.6143698	75	3.6206565
36	3.5950551	96	3.6016255	56	3.6080979	16	3.6144754	76	3.6207605
37	3.5951654	97	3.6017341	57	3.6082050	17	3.6145809	77	3.6208645
38	3.5952757	98	3.6018428	58	3.6083120	18	3.6146863	78	3.6209684
39	3.5953860	99	3.6019514	59	3.6084190	19	3.6147918	79	3.6210724
40	3.5954962	4000	3.6020600	60	3.6085260	20	3.6148972	80	3.6211763
41	3.5956064	1	3.6021685	61	3.6086330	21	3.6150026	81	3.6212802
42	3.5957166	2	3.6022771	62	3.6087399	22	3.6151080	82	2.6213840
43	3.5958268	3	3.6023856	63	3.6088468	23	3.6152133	83	3.6214879
44	3.5959369	4	3.6024941	64	3.6089537	24	3.6153187	84	3.6215917
45	3.5960470	5	3.6026025	65	3.6090605	25	3.6154240	85	3.6216955
46	3.5961571	6	3.6027109	66	3.6091674	26	3.6155292	86	3.6217992
47	3.5962671	7	3.6028193	67	3.6092742	27	3.6156345	87	3.6219030
48	3.5963771	8	3.6029277	68	3.6093809	28	3.6157397	88	3.6220067
49	3.5964871	9	3.6030361	69	3.6094877	29	3.6158449	89	3.6221104
50	3.5965971	10	3.6031444	70	3.6095944	30	3.6159501	90	3.6222140
51	3.5967070	11	3.6032527	71	3.6097011	31	3.6160552	91	3.6223177
52	3.5968169	12	3.6033609	72	3.6098078	32	3.6161603	92	3.6224213
53	3.5969268	13	3.6034692	73	3.6099144	33	3.6162654	93	3.6225249
54	3.5970367	14	3.6035774	74	3.6100210	34	3.6163705	94	3.6226284
55	3.5971465	15	3.6036855	75	3.6101276	35	3.6164755	95	3.6227320
56	3.5972563	16	3.6037937	76	3.6102342	36	3.6165805	96	3.6228355
57	3.5973660	17	3.6039018	77	3.6103407	37	3.6166855	97	3.6229390
58	3.5974758	18	3.6040099	78	3.6104472	38	3.6167905	98	3.6230424
59	3.5975855	19	3.6041180	79	3.6105537	39	3.6168954	99	3.6231459

Secu da. Nu.	Gr. Mi. 1. 10. Logarith.	Nu.	Gr. Mi. 1. 11. Logarith.	Nu.	Gr. Mi. 1. 12. Logarith.	Nu.	Gr. Mi. 1. 13. Logarith.	Nu.	Gr. Mi. 1. 14. Logarith.
4200	3.6232493	4260	3.6294096	4320	3.6354837	4380	3.6414741	4440	3.6473830
1	3.6233527	61	3.6295115	21	3.6355843	81	3.6415733	41	3.6474808
2	3.6234560	62	3.6296134	22	3.6356848	82	3.6416724	42	3.6475785
3	3.6235594	63	3.6297153	23	3.6357852	83	3.6417715	43	3.6476763
4	3.6236627	64	3.6298172	24	3.6358857	84	3.6418705	44	3.6477740
5	3.6237660	65	3.6299190	25	3.6359861	85	3.6419696	45	3.6478718
6	3.6238693	66	3.6300208	26	3.6360865	86	3.6420686	46	3.6479695
7	3.6239725	67	3.6301226	27	3.6361869	87	3.6421676	47	3.6480671
8	3.6240757	68	3.6302244	28	3.6362872	88	3.6422666	48	3.6481648
9	3.6241789	69	3.6303262	29	3.6363876	89	3.6423656	49	3.6482624
10	3.6242821	70	3.6304279	30	3.6364879	90	3.6424645	50	3.6483600
11	3.6243852	71	3.6305296	31	3.6365882	91	3.6425634	51	3.6484576
12	3.6244884	72	3.6306312	32	3.6366884	92	3.6426623	52	3.6485552
13	3.6245915	73	3.6307329	33	3.6367887	93	3.6427612	53	3.6486527
14	3.6246945	74	3.6308345	34	3.6368889	94	3.6428601	54	3.6487502
15	3.6247976	75	3.6309361	35	3.6369891	95	3.6429589	55	3.6488477
16	3.6249006	76	3.6310377	36	3.6370893	96	3.6430577	56	3.6489452
17	3.6250036	77	3.6311392	37	3.6371894	97	3.6431565	57	3.6490426
18	3.6251066	78	3.6312408	38	3.6372895	98	3.6432552	58	3.6491401
19	3.6252095	79	3.6313423	39	3.6373896	99	3.6433540	59	3.6492375
20	3.6253124	80	3.6314438	40	3.6374897	4400	3.6434527	60	3.6493349
21	3.6254153	81	3.6315452	41	3.6375898	1	3.6435514	61	3.6494322
22	3.6255182	82	3.6316467	42	3.6376898	2	3.6436500	62	3.6495296
23	3.6256211	83	3.6317481	43	3.6377898	3	3.6437487	63	3.6496269
24	3.6257239	84	3.6318495	44	3.6378898	4	3.6438473	64	3.6497242
25	3.6258267	85	3.6319508	45	3.6379898	5	3.6439459	65	4.6498215
26	3.6259295	86	3.6320522	46	3.6380897	6	3.6440445	66	3.6499187
27	3.6260322	87	3.6321535	47	3.6381896	7	3.6441430	67	3.6500160
28	3.6261350	88	3.6322548	48	3.6382895	8	3.6442416	68	3.6501132
29	2.6262377	89	3.6323560	49	3.6383894	9	3.6443401	69	3.6502104
30	3.6263404	90	3.6324573	50	3.6384893	10	3.6444386	70	3.6503075
31	3.6264430	91	3.6325585	51	3.6385891	11	3.6445371	71	3.6504047
32	3.6265457	92	3.6326597	52	3.6386889	12	3.6446355	72	2.6505018
33	3.6266483	93	3.6327609	53	3.6387887	13	3.6447339	73	3.6505989
34	3.6267509	94	3.6328620	54	3.6388884	14	3.6448323	74	3.6506960
35	3.6268534	95	3.6329632	55	3.6389882	15	3.6449307	75	3.6507930
36	3.6269559	96	3.6330643	56	3.6390879	16	3.6450291	76	3.6508901
37	3.6270585	97	3.6331653	57	3.6391876	17	3.6451274	77	3.6509871
38	3.6271610	98	3.6332664	58	3.6392872	18	3.6452257	78	3.6510841
39	3.6272634	99	3.6333674	59	3.6393869	19	3.6453240	79	3.6511812
40	3.6273659	4300	3.6334685	60	3.6394865	20	3.6454223	80	3.6512780
41	3.6274683	1	3.6335694	61	3.6395861	21	3.6455205	81	3.6513749
42	3.6275707	2	3.6336704	62	3.6396857	22	3.6456187	82	3.6514719
43	3.6276730	3	3.6337713	63	3.6397852	23	3.6457169	83	3.6515687
44	3.6277754	4	3.6338722	64	3.6398847	24	3.6458151	84	3.6516656
45	3.6278777	5	3.6339732	65	3.6399842	25	3.6459133	85	3.6517624
46	3.6279800	6	3.6340740	66	3.6400837	26	3.6460114	86	3.6518593
47	3.6280823	7	3.6341749	67	3.6401832	27	3.6461095	87	3.6519561
48	3.6281845	8	3.6342757	68	3.6402826	28	3.6462076	88	3.6520528
49	3.6282867	9	3.6343765	69	3.6403820	29	3.6463057	89	3.6521496
50	3.6283889	10	3.6344773	70	3.6404814	30	3.6464037	90	3.6522463
51	3.6284911	11	3.6345780	71	3.6405808	31	3.6465017	91	3.6523430
52	3.6285933	12	3.6346788	72	3.6406802	32	3.6465997	92	3.6524397
53	3.6286954	13	3.6347795	73	3.6407795	33	3.6466977	93	3.6525364
54	3.6287975	14	3.6348801	74	3.6408788	34	3.6467957	94	3.6526331
55	3.6288996	15	3.6349808	75	3.6409781	35	3.6468936	95	3.6527297
56	3.6290016	16	3.6350814	76	3.6410773	36	3.6469915	96	3.6528263
57	3.6291036	17	3.6351820	77	3.6411765	37	3.6470894	97	3.6529229
68	3.6292057	18	3.6352826	78	3.6412758	38	3.6471873	98	3.6530195
59	3.6293077	19	3.6353832	79	3.6413749	39	3.6472851	99	3.6531160

jecti da. Gr. Mi. 1. 15.		Gr. Mi. 1. 16.		Gr. Mi. 1. 17.		Gr. Mi. 1. 18.		Gr. Mi. 1. 19.	
Nu.	Logarith.	Nu.	Logarith.	N u.	Logarith.	Nu	Logarith.	Nu.	Logarith.
4500	3.6532125	4560	3.6589648	4620	3.6646420	4680	3.6702459	4740	3.6757783
1	3.6533090	61	3.6590601	21	3.6647360	81	3.6703386	41	3.6758700
2	3.6534055	62	3.6591553	22	3.6648299	82	3.6704314	42	3.6759615
3	3.6535019	63	3.6592505	23	3.6649239	83	3.6705242	43	3.6760531
4	3.6535984	64	3.6593456	24	3.6650178	84	3.6706169	44	3.6761447
5	3.6536948	65	3.6594408	25	3.6651117	85	3.6707096	45	3.6762362
6	3.6537912	66	3.6595359	26	3.6652056	86	3.6708023	46	3.6763277
7	3.6538876	67	3.6596310	27	3.6652995	87	3.6708950	47	3.6764192
8	3.6539839	68	3.6597261	28	3.6653933	88	3.6709876	48	3.6765107
9	3.6540802	69	3.6598212	29	3.6654872	89	3.6710802	49	3.6766022
10	3.6541765	70	3.6599162	30	3.6655810	90	3.6711728	50	3.6766936
11	3.6542728	71	3.6600112	31	3.6656748	91	3.6712654	51	3.6767850
12	3.6543691	72	3.6601062	32	3.6657685	92	3.6713580	52	3.6768764
13	3.6544653	73	3.6602012	33	3.6658623	93	3.6714506	53	3.6769678
14	3.6545616	74	3.6602962	34	3.6659560	94	3.6715431	54	3.6770592
15	3.6546578	75	3.6603911	35	3.6660497	95	3.6716356	55	3.6771505
16	3.6547539	76	3.6604860	36	3.6661434	96	3.6717281	56	3.6772418
17	3.6548501	77	3.6605809	37	3.6662371	97	3.6718206	57	3.6773332
18	3.6549462	78	3.6606758	38	3.6663307	98	3.6719130	58	3.6774244
19	3.6550423	79	3.6607706	39	3.6664244	99	3.6720054	59	3.6775157
20	3.6551384	80	3.6608655	40	3.6665180	4700	3.6720979	60	3.6776070
21	3.6552345	81	3.6609603	41	3.6666116	1	3.6721903	61	3.6776982
22	3.6553306	82	3.6610551	42	3.6667051	2	3.6722826	62	3.6777894
23	3.6554266	83	3.6611498	43	3.6667987	3	3.6723750	63	3.6778806
24	3.6555226	84	3.6612446	44	3.6668922	4	3.6724673	64	3.6779718
25	3.6556186	85	3.6613393	45	3.6669857	5	3.6725596	65	3.6780629
26	3.6557145	86	3.6614340	46	3.6670792	6	3.6726519	66	3.6781540
27	3.6558105	87	3.6615287	47	3.6671727	7	3.6727442	67	3.6782452
28	3.6559064	88	3.6616234	48	3.6672661	8	3.6728365	68	3.6783362
29	3.6560023	89	3.6617181	49	3.6673595	9	3.6729287	69	3.6784273
30	3.6560982	90	3.6618127	50	3.6674530	10	3.6730209	70	3.6785184
31	3.6561941	91	3.6619073	51	3.6675463	11	3.6731131	71	3.6786094
32	3.6562899	92	3.6620019	52	3.6676397	12	3.6732053	72	3.6787004
33	3.6563857	93	3.6620964	53	3.6677331	13	3.6732974	73	3.6787914
34	3.6564815	94	3.6621910	54	3.6678264	14	3.6733896	74	3.6788824
35	3.6565773	95	3.6622855	55	3.6679197	15	3.6734817	75	3.6789734
36	3.6566730	96	3.6623800	56	3.6680130	16	3.6735738	76	3.6790643
37	3.6567688	97	3.6624745	57	3.6681062	17	3.6736659	77	3.6791552
38	3.6568645	98	3.6625690	58	3.6681995	18	3.6737579	78	3.6792462
39	3.6569602	99	3.6626634	59	3.6682927	19	3.6738500	79	3.6793370
40	3.6570559	4600	3.6627578	60	3.6683859	20	3.6739420	80	3.6794279
41	3.6571515	1	3.6628522	61	3.6684791	21	3.6740340	81	3.6795187
42	3.6572471	2	3.6629466	62	3.6685723	22	3.6741260	82	3.6796096
43	3.6573427	3	3.6630410	63	3.6686654	23	3.6742179	83	3.6797004
44	3.6574383	4	3.6631353	64	3.6687585	24	3.6743099	84	3.6797912
45	3.6575339	5	3.6632296	65	3.6688516	25	3.6744018	85	3.6798819
46	3.6576294	6	3.6633239	66	3.6689447	26	3.6744937	86	3.6799727
47	3.6577250	7	3.6634182	67	3.6690378	27	3.6745856	87	3.6800634
48	3.6578205	8	3.6635125	68	3.6691308	28	3.6746775	88	3.6801541
49	3.6579159	9	3.6636067	69	3.6692239	29	3.6747693	89	3.6802448
50	3.6580114	10	3.6637009	70	3.6693169	30	3.6748611	90	3.6803355
51	3.6581068	11	3.6637951	71	3.6694099	31	3.6749529	91	3.6804262
52	3.6582023	12	3.6638893	72	3.6695028	32	3.6750447	92	3.6805168
53	3.6582976	13	3.6639835	73	3.6695958	33	3.6751365	93	3.6806074
54	3.6583930	14	3.6640776	74	3.6696887	34	3.6752283	94	3.6806980
55	3.6584884	15	3.6641717	75	3.6697816	35	3.6753200	95	3.6807886
56	3.6585837	16	3.6642658	76	3.6698745	36	3.6754117	96	3.6808792
57	3.6586790	17	3.6643599	77	3.6699674	37	3.6755034	97	3.6809697
58	3.6587743	18	3.6644539	78	3.6700602	38	3.6755951	98	3.6810602
59	3.6588696	19	3.6645480	79	3.6701530	39	3.6756867	99	3.6811507

Secunda Gr. Mi. 1. 20.		Gr. Mi. 1. 21.		Gr. Mi. 1. 22.		Gr. Mi. 1. 23.		Gr. Mi. 1. 24.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
4800	3.6812412	4860	3.6866363	4920	3.6919651	4980	3.6972293	5040	3.7024305
1	3.6813317	61	3.6867256	21	3.6920534	81	3.6973165	41	3.7025167
2	3.6814222	62	3.6868149	22	3.6921416	82	3.6974037	42	3.7026028
3	3.6815126	63	3.6869043	23	3.6922298	83	3.6974909	43	3.7026890
4	3.6816030	64	3.6869936	24	3.6923180	84	3.6975780	44	3.7027751
5	3.6816934	65	3.6870828	25	3.6924062	85	3.6976652	45	3.7028612
6	3.6817838	66	3.6871721	26	3.6924944	86	3.6977523	46	3.7029472
7	3.6818741	67	3.6872613	27	3.6925826	87	3.6978394	47	3.7030333
8	3.6819645	68	3.6873506	28	3.6926707	88	3.6979264	48	3.7031193
9	3.6820548	69	3.6874398	29	3.6927588	89	3.6980135	49	3.7032054
10	3.6821451	70	3.6875290	30	3.6928469	90	3.6981005	50	3.7032914
11	3.6822354	71	3.6876181	31	3.6929350	91	3.6981876	51	3.7033774
12	3.6823256	72	3.6877073	32	3.6930231	92	3.6982746	52	3.7034633
13	3.6824159	73	3.6877964	33	3.6931111	93	3.6983616	53	3.7035493
14	3.6825061	74	3.6878855	34	3.6931991	94	3.6984485	54	3.7036352
15	3.6825963	75	3.6879746	35	3.6932872	95	3.6985355	55	3.7037212
16	3.6826865	76	3.6880637	36	3.6933752	96	3.6986224	56	3.7038071
17	3.6827766	77	3.6881528	37	3.6934631	97	3.6987093	57	3.7038929
18	3.6828668	78	3.6882418	38	3.6935511	98	3.6987963	58	3.7039788
19	3.6829569	79	3.6883308	39	3.6936390	99	3.6988831	59	3.7040647
20	3.6830470	80	3.6884198	40	3.6937269	5000	3.6989700	60	3.7041505
21	3.6831371	81	3.6885088	41	3.6938148	1	3.6990569	61	3.7042363
22	3.6832272	82	3.6885978	42	3.6939027	2	3.6991437	62	3.7043221
23	3.6833173	83	3.6886867	43	3.6939906	3	3.6992305	63	3.7044079
24	3.6834073	84	3.6887756	44	3.6940785	4	3.6993173	64	3.7044937
25	3.6834973	85	3.6888646	45	3.6941663	5	3.6994041	65	3.7045794
26	3.6835873	86	3.6889535	46	3.6942541	6	3.6994908	66	3.7046652
27	3.6836773	87	3.6890423	47	3.6943419	7	3.6995776	67	3.7047509
28	3.6837673	88	3.6891312	48	3.6944297	8	3.6996643	68	3.7048366
29	3.6838572	89	3.6892200	49	3.6945174	9	3.6997510	69	3.7049223
30	3.6839471	90	3.6893089	50	3.6946052	10	3.6998377	70	3.7050080
31	3.6840370	91	3.6893977	51	3.6946929	11	3.6999244	71	3.7050936
32	3.6841269	92	3.6894864	52	3.6947806	12	3.7000111	72	3.7051792
33	3.6842168	93	3.6895752	53	3.6948683	13	3.7000977	73	3.7052649
34	3.6843066	94	3.6896640	54	3.6949560	14	3.7001843	74	3.7053505
35	3.6843965	95	3.6897527	55	3.6950437	15	3.7002709	75	3.7054360
36	3.6844863	96	3.6898414	56	3.6951313	16	3.7003575	76	3.7055216
37	3.6845761	97	3.6899301	57	3.6952189	17	3.7004441	77	3.7056072
38	3.6846659	98	3.6900188	58	3.6953065	18	3.7005307	78	3.7056927
39	3.6847556	99	3.6901074	59	3.6953941	19	3.7006172	79	3.7057782
40	3.6848454	4900	3.6901961	60	3.6954817	20	3.7007037	80	7.7058637
41	3.6849351	1	3.6902847	61	3.6955692	21	3.7007902	81	3.7059492
42	3.6850248	2	3.6903733	62	3.6956568	22	3.7008767	82	3.7060347
43	3.6851145	3	3.6904619	63	3.6957443	23	3.7009632	83	3.7061201
44	3.6852041	4	3.6905505	64	3.6958318	24	3.7010496	84	3.7062055
45	3.6852938	5	3.6906390	65	3.6959193	25	3.7011361	85	3.7062910
46	3.6853834	6	3.6907275	66	3.6960067	26	3.7012225	86	3.7063764
47	3.6854730	7	3.6908161	67	3.6960942	27	3.7013089	87	3.7064617
48	3.6855626	8	3.6909046	68	3.6961816	28	3.7013953	88	3.7065471
49	3.6856522	9	3.6909930	69	3.6962690	29	3.7014816	89	3.7066324
50	3.6857417	10	3.6910815	70	3.6963564	30	3.7015680	90	3.7067178
51	3.6858313	11	3.6911699	71	3.6964438	31	3.7016543	91	3.7068031
52	3.6859208	12	3.6912584	72	3.6965311	32	3.7017406	92	3.7068884
53	3.6860103	13	3.6913468	73	3.6966185	33	3.7018269	93	3.7069737
54	3.6860998	14	3.6914352	74	3.6967058	34	3.7019132	94	3.7070589
55	3.6861892	15	3.6915235	75	3.6967931	35	3.7019995	95	3.7071442
56	3.6862787	16	3.6916119	76	3.6968804	36	3.7020857	96	3.7072294
57	3.6863681	17	3.6917002	77	3.6969676	37	3.7021719	97	3.7073146
58	3.6864575	18	3.6917885	78	3.6970549	38	3.7022581	98	3.7073998
59	3.6865469	19	3.6918765	79	3.6971421	39	3.7023443	99	3.7074850

Secūda.	Gr. Mi. 1. 25.		Gr. Mi. 1. 26		Gr. Mi. 1. 27.		Gr. Mi. 1. 28.		Gr. Mi. 1. 29.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
5100	3.7075702	5160	3.7126497	5220	3.7176705	5280	3.7226339	5340	3.7275413
1	3.7076553	61	3.7127339	21	3.7177537	81	3.7227162	41	3.7276226
2	3.7077405	62	3.7128180	22	3.7178369	82	3.7227984	42	3.7277039
3	3.7078250	63	3.7129021	23	3.7179200	83	3.7228806	43	3.7277852
4	3.7079107	64	3.7129862	24	3.7180032	84	3.7229628	44	3.7278664
5	3.7079957	65	3.7130702	25	3.7180863	85	3.7230450	45	3.7279477
6	3.7080808	66	3.7131544	26	3.7181694	86	3.7231272	46	3.7280290
7	3.7081659	67	3.7132385	27	3.7182525	87	3.7232093	47	3.7281102
8	3.7082509	68	3.7133225	28	3.7183356	88	3.7232914	48	3.7281914
9	3.7083359	69	3.7134065	29	3.7184186	89	3.7233736	49	3.7282726
10	3.7084209	70	3.7134905	30	3.7185017	90	3.7234557	50	3.7283538
11	3.7085059	71	3.7135745	31	3.7185847	91	3.7235378	51	3.7284349
12	3.7085908	72	3.7136585	32	3.7186677	92	3.7236198	52	3.7285161
13	3.7086758	73	3.7137425	33	3.7187507	93	3.7237019	53	3.7285972
14	3.7087607	74	3.7138264	34	3.7188337	94	3.7237839	54	3.7286784
15	3.7088456	75	3.7139104	35	3.7189167	95	3.7238660	55	3.7287595
16	3.7089305	76	3.7139943	36	3.7189996	96	3.7239480	56	3.7288406
17	3.7090154	77	3.7140782	37	3.7190826	97	3.7240300	57	3.7289216
18	3.7091003	78	3.7141620	38	3.7191655	98	3.7241120	58	3.7290027
19	3.7091851	79	3.7142459	39	3.7192484	99	3.7241939	59	3.7290838
20	3.7092700	80	3.7143298	40	3.7193313	5300	3.7242759	60	3.7291648
21	3.7093548	81	3.7144136	41	3.7194142	1	3.7243578	61	3.7292458
22	3.7094396	82	3.7144974	42	3.7194970	2	3.7244397	62	3.7293268
23	3.7095244	83	3.7145812	43	3.7195799	3	3.7245216	63	3.7294078
24	3.7096091	84	3.7146650	44	3.7196627	4	3.7246035	64	3.7294888
25	3.7096939	85	3.7147488	45	3.7197455	5	3.7246854	65	3.7295697
26	3.7097786	86	3.7148325	46	3.7198283	6	3.7247672	66	3.7296507
27	3.7098633	87	3.7149162	47	3.7199111	7	3.7248491	67	3.7297316
28	3.7099480	88	3.7150000	48	3.7199938	8	3.7249309	68	3.7298125
29	3.7100327	89	3.7150837	49	3.7200766	9	3.7250127	69	3.7298934
30	3.7101174	90	3.7151674	50	3.7201593	10	3.7250945	70	3.7299743
31	3.7102020	91	3.7252510	51	3.7202420	11	3.7251763	71	3.7300551
32	3.7102866	92	3.7153347	52	3.7203247	12	3.7252581	72	3.7301360
33	3.7103713	93	3.7154183	53	3.7204074	13	3.7253398	73	3.7302168
34	3.7104559	94	3.7155019	54	3.7204901	14	3.7254215	74	3.7302977
35	3.7105404	95	3.7155856	55	3.7205727	15	3.7255033	75	3.7303785
36	3.7106250	96	3.7156691	56	3.7206554	16	3.7255850	76	3.7304593
37	3.7107096	97	3.7157527	57	3.7207380	17	3.7256667	77	3.7305400
38	3.7107941	98	3.7158363	58	3.7208206	18	3.7257483	78	3.7306208
39	3.7108786	99	3.7159198	59	3.7209032	19	3.7258300	79	3.7307015
40	3.7109631	5200	3.7160033	60	3.7209857	20	3.7259116	80	3.7307823
41	3.7110476	1	3.7160869	61	3.7210683	21	3.7259933	81	3.7308630
42	3.7111321	2	3.7161703	62	3.7211508	22	3.7260749	82	3.7309437
43	3.7112165	3	3.7162538	63	3.7212334	23	3.7261565	83	3.7310244
44	3.7113010	4	3.7163373	64	3.7213159	24	3.7262380	84	3.7311051
45	3.7113854	5	3.7164207	65	3.7213984	25	3.7263196	85	3.7311857
46	3.7114698	6	3.7165042	66	3.7214809	26	3.7264012	86	3.7312663
47	3.7115542	7	3.7165876	67	3.7215633	27	3.7264827	87	3.7313470
48	3.7116385	8	3.7166710	68	3.7216458	28	3.7265642	88	3.7314276
49	3.7117229	9	3.7167544	69	3.7217282	29	3.7266457	89	3.7315082
50	3.7118072	10	3.7168377	70	3.7218106	30	3.7267272	90	3.7315888
51	3.7118915	11	3.7169211	71	3.7218930	31	3.7268087	91	3.7316693
52	3.7119759	12	3.7170044	72	3.7219754	32	3.7268901	92	3.7317499
53	3.7120601	13	3.7170877	73	3.7220578	33	3.7269716	93	3.7318304
54	3.7121444	14	3.7171710	74	3.7221401	34	3.7270530	94	3.7319109
55	3.7122287	15	3.7172543	75	3.7222225	35	3.7271344	95	3.7319914
56	3.7123129	16	3.7173376	76	3.7223048	36	3.7272158	96	3.7320719
57	3.7123971	17	3.7174208	77	3.7223871	37	3.7272972	97	3.7321524
58	3.7124813	18	3.7175041	78	3.7224694	38	3.7273786	98	3.7322329
59	3.7125655	19	3.7175873	79	3.7225517	39	3.7274599	99	3.7323133

ecũ da.	Gr. Mi. 1. 30.		Gr. Mi. 1. 31.		Gr. Mi. 1. 32.		Gr. Mi. 1. 33.		Gr. Mi. 1. 34.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
5400	3.7323938	5460	3.7371926	5520	3.7419391	5580	3.7466342	5640	3.7512791
1	3.7324742	61	3.7372722	21	3.7420177	81	3.7467120	41	3.7513561
2	3.7325546	62	3.7373517	22	3.7420964	82	3.7467898	42	3.7514331
3	3.7326350	63	3.7374312	23	3.7421750	83	3.7468676	43	3.7515100
4	3.7327153	64	3.7375107	24	3.7422537	84	3.7469454	44	3.7515870
5	3.7327957	65	3.7375902	25	3.7423323	85	3.7470232	45	3.7516639
6	3.7328760	66	3.7376696	26	3.7424109	86	3.7471009	46	3.7517409
7	3.7329564	67	3.7377491	27	3.7424895	87	3.7471787	47	3.7518178
8	3.7330367	68	3.7378285	28	3.7425680	88	3.7472564	48	3.7518947
9	3.7331170	69	3.7379079	29	3.7426466	89	3.7473341	49	3.7519716
10	3.7331973	70	3.7379873	30	3.7427251	90	3.7474118	50	3.7520484
11	3.7332775	71	3.7380667	31	3.7428037	91	3.7474895	51	3.7521253
12	3.7333578	72	3.7381461	32	3.7428822	92	3.7475672	52	3.7522022
13	3.7334380	73	3.7382254	33	3.7429607	93	3.7476448	53	3.7522790
14	3.7335182	74	3.7383048	34	3.7430392	94	3.7477225	54	3.7523558
15	3.7335985	75	3.7383841	35	3.7431176	95	3.7478001	55	3.7524326
16	3.7336787	76	3.7384634	36	3.7431961	96	3.7478777	56	3.7525094
17	3.7337588	77	3.7385427	37	3.7432745	97	3.7479553	57	3.7525862
18	3.7338390	78	3.7386220	38	3.7433530	98	3.7480329	58	3.7526629
19	3.7339191	79	3.7387013	39	3.7434314	99	3.7481105	59	3.7527397
20	3.7339993	80	3.7387806	40	3.7435098	5600	3.7481880	60	3.7528164
21	3.7340794	81	3.7388598	41	3.7435881	1	3.7482656	61	3.7528932
22	3.7341595	82	3.7389390	42	3.7436665	2	3.7483431	62	3.7529699
23	3.7342396	83	3.7390182	43	3.7437449	3	3.7484206	63	3.7530466
24	3.7343197	84	3.7390974	44	3.7438232	4	3.7484981	64	3.7531232
25	3.7343997	85	3.7391766	45	3.7439015	5	3.7485756	65	3.7531999
26	3.7344798	86	3.7392558	46	3.7439799	6	3.7486531	66	3.7532766
27	3.7345598	87	3.7393350	47	3.7440582	7	3.7487306	67	3.7533532
28	3.7346398	88	3.7394141	48	3.7441365	8	3.7488080	68	3.7534298
29	3.7347198	89	3.7394932	49	3.7442147	9	3.7488854	69	3.7535065
30	3.7347998	90	3.7395723	50	3.7442930	10	3.7489629	70	3.7535831
31	3.7348798	91	3.7396514	51	3.7443712	11	3.7490403	71	3.7536596
32	3.7349598	92	3.7397305	52	3.7444495	12	3.7491177	72	3.7537362
33	3.7350397	93	3.7398096	53	3.7445277	13	3.7491950	73	3.7538128
34	3.7351196	94	3.7398886	54	3.7446059	14	3.7492724	74	3.7538893
35	3.7351995	95	3.7399677	55	3.7446841	15	3.7493498	75	3.7539659
36	3.7352794	96	3.7400467	56	3.7447622	16	3.7494271	76	3.7540424
37	3.7353593	97	3.7401257	57	3.7448404	17	3.7495044	77	3.7541189
38	3.7354392	98	3.7402047	58	3.7449185	18	3.7495817	78	3.7541954
39	3.7355191	99	3.7402837	59	3.7449967	19	3.7496590	79	3.7542719
40	3.7355989	5500	3.7403627	60	3.7450748	20	3.7497363	80	3.7543483
41	3.7356787	1	3.7404416	61	3.7451529	21	3.7498136	81	3.7544248
42	3.7357585	2	3.7405206	62	3.7452310	22	3.7498908	82	3.7545012
43	3.7358383	3	3.7405995	63	3.7453091	23	3.7499681	83	3.7545777
44	3.7359181	4	3.7406784	64	3.7453871	24	3.7500453	84	3.7546541
45	3.7359979	5	3.7407573	65	3.7454652	25	3.7501225	85	3.7547305
46	3.7360776	6	3.7408362	66	3.7455432	26	3.7501997	86	3.7548069
47	3.7361574	7	3.7409151	67	3.7456212	27	3.7502769	87	3.7548832
48	3.7362371	8	3.7409939	68	3.7456992	28	3.7503541	88	3.7549596
49	3.7363168	9	3.7410728	69	3.7457772	29	3.7504312	89	3.7550359
50	3.7363965	10	3.7411516	70	3.7458552	30	3.7505084	90	3.7551123
51	3.7364762	11	3.7412304	71	3.7459332	31	3.7505855	91	3.7551886
52	3.7365558	12	3.7413092	72	3.7460111	32	3.7506626	92	3.7552649
53	3.7366355	13	3.7413880	73	3.7460890	33	3.7507397	93	3.7553412
54	3.7367151	14	3.7414668	74	3.7461670	34	3.7508168	94	3.7554175
55	3.7367948	15	3.7415455	75	3.7462449	35	3.7508939	95	3.7554937
56	3.7368744	16	3.7416243	76	3.7463228	36	3.7509709	96	3.7555700
57	3.7369540	17	3.7417030	77	3.7464006	37	3.7510480	97	3.7556462
58	3.7370335	18	3.7417817	78	3.7464785	38	3.7511251	98	3.7557224
59	3.7371131	19	3.7418604	79	3.7465564	39	3.7512021	99	3.7557987

secũ da. Gr. Mi. 1. 35.		Gr. Mi. 1. 36.		Gr. Mi. 1. 37.		Gr. Mi. 1. 38.		Gr. Mi. 1. 39.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
5700	3.7558749	5760	3.7604225	5820	3.7649230	5880	3.7693773	5940	3.7737864
1	3.7559510	61	3.7604979	21	3.7649976	81	3.7694512	41	3.7738596
2	3.7560272	62	3.7605733	22	3.7650722	82	3.7695250	42	3.7739326
3	3.7761034	63	3.7606486	23	3.7651468	83	3.7695988	43	3.7740057
4	3.7561795	64	3.7607240	24	3.7652214	84	3.7696727	44	3.7740788
5	3.7562556	65	3.7607993	25	3.7652959	85	3.7697465	45	3.7741519
6	3.7563318	66	3.7608746	26	3.7653705	86	3.7698203	46	7.7742249
7	3.7564079	67	3.7609500	27	3.7654450	87	3.7698940	47	3.7742979
8	3.7564840	68	3.7610253	28	3.7655195	88	3.7699678	48	3.7743710
9	3.7565600	69	3.7611005	29	3.7655941	89	3.7700416	49	3.7744440
10	3.7566361	70	3.7611758	30	3.7656686	90	3.7701153	50	3.7745170
11	3.7567122	71	3.7612511	31	3.7657430	91	3.7701890	51	3.7745899
12	3.7567882	72	3.7613263	32	3.7658175	92	3.7702627	52	3.7746629
13	3.7568642	73	3.7614016	33	3.7658920	93	3.7703364	53	3.7747359
14	3.7569402	74	3.7614768	34	3.7659664	94	3.7704101	54	3.7748088
15	3.7570162	75	3.7615520	35	3.7660409	95	3.7704838	55	3.7748818
16	3.7570922	76	3.7616272	36	3.7661153	96	3.7705575	56	3.7749547
17	3.7571682	77	3.7617024	37	3.7661897	97	3.7706311	57	3.7750276
18	3.7572441	78	3.7617775	38	3.7662641	98	3.7707048	58	3.7751005
19	3.7573201	79	3.7618527	39	3.7663385	99	3.7707784	59	3.7751734
20	3.7573960	80	3.7619278	40	3.7664128	5900	3.7708520	60	3.7752463
21	3.7574719	81	3.7620030	41	3.7664872	1	3.7709256	61	3.7753191
22	3.7575479	82	3.7620781	42	3.7665616	2	3.7709992	62	3.7753920
23	3.7576237	83	3.7621532	43	3.7666359	3	3.7710728	63	3.7754648
24	3.7576996	84	3.7622283	44	3.7667102	4	3.7711463	64	3.7755376
25	3.7577755	85	3.7623034	45	3.7667845	5	3.7712199	65	3.7756104
26	3.7578513	86	3.7623784	46	3.7668588	6	3.7712934	66	3.7756832
27	3.7579272	87	3.7624535	47	3.7669331	7	3.7713670	67	3.7757560
28	3.7580030	88	3.7625285	48	3.7670074	8	3.7714405	68	3.7758288
29	3.7580788	89	3.7626035	49	3.7670816	9	3.7715140	69	3.7759016
30	3.7581546	90	3.7626786	50	3.7671559	10	3.7715875	70	3.7759743
31	3.7882304	91	3.7627536	51	3.7672301	11	3.7716610	71	3.7760471
32	3.7583062	92	3.7628286	52	3.7673043	12	3.7717344	72	3.7761198
33	3.7583819	93	3.7629035	53	3.7673785	13	3.7718079	73	3.7761925
34	3.7584577	94	3.7629785	54	3.7674527	14	3.7718813	74	3.7762652
35	3.7585334	95	3.7630534	55	3.7675269	15	3.7719547	75	3.7763379
36	3.7586091	96	3.7631284	56	3.7676011	16	3.7720282	76	3.7764106
37	3.7586848	97	3.7632033	57	3.7676752	17	3.7721016	77	3.7764833
38	3.7587605	98	3.7632782	58	3.7677494	18	3.7721750	78	3.7765559
39	3.7588362	99	3.7633531	59	3.7678235	19	3.7722483	79	3.7766286
40	3.7589119	5800	3.7634280	60	3.7678976	20	3.7723217	80	3.7767012
41	3.7589875	1	3.7635029	61	3.7679717	21	3.7723951	81	3.7767738
42	3.7590632	2	3.7635777	62	3.7680458	22	3.7724684	82	3.7768464
43	3.7591388	3	3.7636526	63	3.7681199	23	3.7725417	83	3.7769190
44	3.7592144	4	3.7637274	64	3.7681940	24	3.7726150	84	3.7769916
45	3.7592900	5	3.7638022	65	3.7682680	25	3.7726884	85	3.7770642
46	3.7593656	6	3.7638770	66	3.7683421	26	3.7727616	86	3.7771367
47	3.7594412	7	3.7639518	67	3.7684161	27	3.7728349	87	3.7772093
48	3.7595168	8	3.7640266	68	3.7684901	28	3.7729082	88	3.7772818
49	3.7595923	9	3.7641014	69	3.7685641	29	3.7729814	89	3.7773543
50	3.7596678	10	3.7641761	70	3.7686381	30	3.7730547	90	3.7774268
51	3.7597434	11	3.7642509	71	3.7687121	31	3.7731279	91	3.7774993
52	3.7598189	12	3.7643256	72	3.7687860	32	3.7732011	92	3.7775718
53	3.7598944	13	3.7644003	73	3.7688600	33	3.7732743	93	3.7776443
54	3.7599699	14	3.7644750	74	3.7689339	34	3.7733475	94	3.7777167
55	3.7600453	15	3.7645497	75	3.7690079	35	3.7734207	95	3.7777892
56	3.7601208	16	3.7646244	76	3.7690818	36	3.7734939	96	3.7778616
57	3.7601962	17	3.7646991	77	3.7691557	37	3.7735670	97	3.7779340
58	3.7602717	18	3.7647737	78	3.7692296	38	3.7736402	98	3.7780065
59	3.7603471	19	3.7648484	79	3.7693035	39	3.7737133	99	3.7780789

Secunda. Gr. Mi. 1. 40.		Gr. Mi. 1. 41.		Gr. Mi. 1. 42.		Gr. Mi. 1. 43.		Gr. Mi. 1. 44.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
6000	3.7781512	6060	3.7824726	6120	3.7867514	6180	3.7909885	6240	3.7951846
1	3.7782236	61	3.7825443	21	3.7868224	81	3.7910587	41	3.7952542
2	3.7782960	62	3.7826159	22	3.7868933	82	3.7911290	42	3.7953238
3	3.7783683	63	3.7826876	23	3.7869643	83	3.7911992	43	3.7953933
4	3.7784407	64	3.7827592	24	3.7870352	84	3.7912695	44	3.7954629
5	3.7785130	65	3.7828308	25	3.7871061	85	3.7913397	45	3.7955324
6	3.7785853	66	3.7829024	26	3.7871770	86	3.7914099	46	3.7956020
7	3.7786576	67	3.7829740	27	3.7872479	87	3.7914801	47	3.7956715
8	3.7787299	68	3.7830456	28	3.7873188	88	3.7915503	48	3.7957410
9	3.7788022	69	3.7831171	29	3.7873896	89	3.7916205	49	3.7958105
10	3.7788745	70	3.7831887	30	3.7874605	90	3.7916906	50	3.7958800
11	3.7789467	71	3.7832602	31	3.7875313	91	3.7917608	51	3.7959495
12	3.7790190	72	3.7833318	32	3.7876021	92	3.7918309	52	3.7960190
13	3.7790912	73	3.7834033	33	3.7876730	93	3.7919011	53	3.7960884
14	3.7791634	74	3.7834748	34	3.7877438	94	3.7919712	54	3.7961579
15	3.7792356	75	3.7835463	35	3.7878146	95	3.7920413	55	3.7962273
16	3.7793078	76	3.7836178	36	3.7878853	96	3.7921114	56	3.7962967
17	3.7793800	77	3.7836892	37	3.7879561	97	3.7921815	57	3.7963662
18	3.7794522	78	3.7837607	38	3.7880269	98	3.7922516	58	3.7964356
19	3.7795243	79	3.7838321	39	3.7880976	99	3.7923216	59	3.7965050
20	3.7795965	80	3.7839036	40	3.7881684	6200	3.7923917	60	3.7965743
21	3.7796686	81	3.7839750	41	3.7882391	1	3.7924617	61	3.7966437
22	3.7797408	82	3.7840464	42	3.7883098	2	3.7925318	62	3.7967131
23	3.7798129	83	3.7841178	43	3.7883805	3	3.7926018	63	3.7967824
24	3.7798850	84	3.7841892	44	3.7884512	4	3.7926718	64	3.7968517
25	3.7799571	85	3.7842606	45	3.7885219	5	3.7927418	65	3.7969211
26	3.7800291	86	3.7843319	46	3.7885926	6	3.7928118	66	3.7969904
27	3.7801012	87	3.7844033	47	3.7886632	7	3.7928817	67	3.7970597
28	3.7801732	88	3.7844746	48	3.7887339	8	3.7929517	68	3.7971290
29	3.7802453	89	3.7845460	49	3.7888045	9	3.7930217	69	3.7971983
30	3.7803173	90	3.7846173	50	3.7888751	10	3.7930916	70	3.7972675
31	3.7803893	91	3.7846886	51	3.7889457	11	3.7931615	71	3.7973368
32	3.7804613	92	3.7847599	52	3.7890163	12	3.7932314	72	3.7974060
33	3.7805333	93	3.7848312	53	3.7890869	13	3.7933014	73	3.7974753
34	3.7806053	94	3.7849024	54	3.7891575	14	3.7933712	74	3.7975445
35	3.7806773	95	3.7849737	55	3.7892281	15	3.7934411	75	3.7976137
36	3.7807492	96	3.7850450	56	3.7892986	16	3.7935110	76	3.7976829
37	3.7808212	97	3.7851162	57	3.7893691	17	3.7935809	77	3.7977521
38	3.7808931	98	3.7851874	58	3.7894397	18	3.7936507	78	3.7978213
39	3.7809650	99	3.7852586	59	3.7895102	19	3.7937206	79	3.7978905
40	3.7810369	6100	3.7853298	60	3.7895807	20	3.7937904	80	3.7979596
41	3.7811088	1	3.7854010	61	3.7896512	21	3.7938602	81	3.7980288
42	3.7811807	2	3.7854722	62	3.7897217	22	3.7939300	82	3.7980979
43	3.7812526	3	3.7855434	63	3.7897922	23	3.7939998	83	3.7981671
44	3.7813245	4	3.7856145	64	3.7898626	24	3.7940696	84	3.7982362
45	3.7813963	5	3.7856857	65	3.7899331	25	3.7941394	85	3.7983053
46	3.7814681	6	3.7857568	66	3.7900035	26	3.7942091	86	3.7983744
47	3.7815400	7	3.7858279	67	3.7900739	27	3.7942789	87	3.7984435
48	3.7816118	8	3.7858990	68	3.7901444	28	3.7943486	88	3.7985125
49	3.7816836	9	3.7859701	69	3.7902148	29	3.7944183	89	3.7985816
50	3.7817554	10	3.7860412	70	3.7902852	30	3.7944880	90	3.7986506
51	3.7818272	11	3.7861123	71	3.7903555	31	3.7945578	91	3.7987197
52	3.7818989	12	3.7861833	72	3.7904259	32	3.7946274	92	3.7987887
53	3.7819707	13	3.7862544	73	3.7904963	33	3.7946971	93	3.7988577
54	3.7820424	14	3.7863254	74	3.7905666	34	3.7947668	94	3.7989267
55	3.7821141	15	3.7863965	75	3.7906370	35	3.7948365	95	3.7989957
56	3.7821859	16	3.7864675	76	3.7907073	36	3.7949061	96	3.7990647
57	3.7822576	17	3.7865385	77	3.7907776	37	3.7949757	97	3.7991337
58	3.7823293	18	3.7866095	78	3.7908479	38	3.7950454	98	3.7992027
59	3.7824010	19	3.7866805	79	3.7909182	39	3.7951150	99	3.7992716

Secū da.	Gr. Mi. 1. 45.		Gr. Mi. 1. 46.		Gr. Mi. 1. 47.		Gr. Mi. 1. 48.		Gr. Mi. 1. 49.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
6300	3.7993405	6360	3.8034571	6420	3.8075350	6480	3.8115750	6540	3.8155777
1	3.7994095	61	3.8035254	21	3.8076027	81	3.8116420	41	3.8156441
2	3.7994784	62	3.8035937	22	3.8076703	82	3.8117090	42	3.8157105
3	3.7995473	63	3.8036619	23	3.8077379	83	3.8117760	43	3.8157769
4	3.7996162	64	3.8037302	24	3.8078055	84	3.8118430	44	3.8158433
5	3.7996851	65	3.8037984	25	3.8078731	85	3.8119100	45	3.8159096
6	3.7997540	66	3.8038666	26	3.8079407	86	3.8119769	46	3.8159760
7	3.7998228	67	3.8039348	27	3.8080083	87	3.8120439	47	3.8160423
8	3.7998917	68	3.8040031	28	3.8080759	88	3.8121108	48	3.8161087
9	3.7999605	69	3.8040712	29	3.8081434	89	3.8121778	49	3.8161750
10	3.8000294	70	3.8041394	30	3.8082110	90	3.8122447	50	3.8162413
11	3.8000982	71	3.8042076	31	3.8082785	91	3.8123116	51	3.8163076
12	3.8001670	72	3.8042758	32	3.8083460	92	3.8123785	52	3.8163739
13	3.8002358	73	3.8043439	33	3.8084136	93	3.8124454	53	3.8164402
14	3.8003046	74	3.8044121	34	3.8084811	94	3.8125123	54	3.8165064
15	3.8003734	75	3.8044802	35	3.8085485	95	3.8125792	55	3.8165727
16	3.8004421	76	3.8045483	36	3.8086160	96	3.8126460	56	3.8166389
17	3.8005109	77	3.8046164	37	3.8086835	97	3.8127129	57	3.8167052
18	3.8005796	78	3.8046845	38	3.8087510	98	3.8127797	58	3.8167714
19	3.8006484	79	3.8047526	39	3.8088184	99	3.8128465	59	3.8168376
20	3.8007171	80	3.8048207	40	3.8088859	6500	3.8129134	60	3.8169038
21	3.8007858	81	3.8048887	41	3.8089533	1	3.8129802	61	3.8169700
22	3.8008545	82	3.8049568	42	3.8090207	2	3.8130470	62	3.8170362
23	3.8009232	83	3.8050248	43	3.8090881	3	3.8131138	63	3.8171024
24	3.8009919	84	3.8050929	44	3.8091555	4	3.8131805	64	3.8171686
25	3.8010605	85	3.8051609	45	3.8092229	5	3.8132473	65	3.8172347
26	3.8011292	86	3.8052289	46	3.8092903	6	3.8133141	66	3.8173009
27	3.8011978	87	3.8052969	47	3.8093577	7	3.8133808	67	3.8173670
28	3.8012665	88	3.8053649	48	3.8094250	8	3.8134475	68	3.8174331
29	3.8013351	89	3.8054329	49	3.8094924	9	3.8135143	69	3.8174993
30	3.8014037	90	3.8055009	50	3.8095597	10	3.8135810	70	3.8175654
31	3.8014723	91	3.8055688	51	3.8096270	11	3.8136477	71	3.8176315
32	3.8015409	92	3.8056368	52	3.8096944	12	3.8137144	72	3.8176975
33	3.8016095	93	3.8057047	53	3.8097617	13	3.8137811	73	3.8177636
34	3.8016781	94	3.8057726	54	3.8098290	14	3.8138478	74	3.8178297
35	3.8017466	95	3.8058405	55	3.8098962	15	3.8139144	75	3.8178958
36	3.8018152	96	3.8059085	56	3.8099635	16	3.8139811	76	3.8179618
37	3.8018837	97	3.8059763	57	3.8100308	17	3.8140477	77	3.8180278
38	3.8019522	98	3.8060442	58	3.8100980	18	3.8141144	78	3.8180939
39	3.8020208	99	3.8061121	59	3.8101653	19	3.8141810	79	3.8181599
40	3.8020893	6400	3.8061800	60	3.8102325	20	3.8142476	80	3.8182259
41	3.8021578	1	3.8062478	61	3.8102997	21	3.8143142	81	3.8182919
42	3.8022262	2	3.8063157	62	3.8103670	22	3.8143808	82	3.8183579
43	3.8022947	3	3.8063835	63	3.8104342	23	3.8144474	83	3.8184239
44	3.8023632	4	3.8064513	64	3.8105013	24	3.8145140	84	3.8184898
45	3.8024316	5	3.8065191	65	3.8105685	25	3.8145805	85	3.8185558
46	3.8025001	6	3.8065869	66	3.8106357	26	3.8146471	86	3.8186217
47	3.8025685	7	3.8066547	67	3.8107029	27	3.8147136	87	3.8186877
48	3.8026369	8	3.8067225	68	3.8107700	28	3.8147801	88	3.8187536
49	3.8027053	9	3.8067903	69	3.8108371	29	3.8148467	89	3.8188195
50	3.8027737	10	3.8068580	70	3.8109043	30	3.8149132	90	3.8188854
51	3.8028421	11	3.8069258	71	3.8109714	31	3.8149797	91	3.8189513
52	3.8029105	12	3.8069935	72	3.8110385	32	3.8150461	92	3.8190172
53	3.8029789	13	3.8070612	73	3.8111056	33	3.8151127	93	3.8190831
54	3.8030472	14	3.8071290	74	3.8111727	34	3.8151791	94	3.8191489
55	3.8031156	15	3.8071967	75	3.8112398	35	3.8152456	95	3.8192148
56	3.8031839	16	3.8072644	76	3.8113068	36	3.8153120	96	3.8192806
57	3.8032522	17	3.8073320	77	3.8113739	37	3.8153785	97	3.8193465
58	3.8033205	18	3.8073997	78	3.8114409	38	3.8154449	98	3.8194123
59	3.8033888	19	3.8074674	79	3.8115080	39	3.8155113	99	3.8194781

secū da. Nu.	Gr. Mi. 1. 50. Logarith.	Nu.	Gr. Mi. 1. 51. Logarith.	Nu.	Gr. Mi. 1. 52. Logarith.	Nu.	Gr. Mi. 1. 53. Logarith.	Nu.	Gr. Mi. 1. 54. Logarith.
6600	3.8195439	6660	3.8234742	6720	3.8273693	6780	3.8312297	6840	3.8350561
1	3.8196097	61	3.8235394	21	3.8274339	81	3.8312937	41	3.8351196
2	3.8196755	62	3.8236046	22	3.8274985	82	3.8313578	42	3.8351831
3	3.8197413	63	3.8236698	23	3.8275631	83	3.8314218	43	3.8352465
4	3.8198071	64	3.8237350	24	3.8276277	84	3.8314858	44	3.8353100
5	3.8198728	65	3.8238002	25	3.8276923	85	3.8315499	45	3.8353735
6	3.8199386	66	3.8238653	26	3.8277569	86	3.8316139	46	3.8354369
7	3.8200043	67	3.8239305	27	3.8278214	87	3.8316778	47	3.8355003
8	3.8200700	68	3.8239956	28	3.8278860	88	3.8317418	48	3.8355638
9	3.8201358	69	3.8240607	29	3.8279505	89	3.8318058	49	3.8356272
10	3.8202015	70	3.8241258	30	3.8280151	90	3.8318698	50	3.8356906
11	3.8202672	71	3.8241909	31	3.8280796	91	3.8319337	51	3.8357540
12	3.8203328	72	3.8242560	32	3.8281441	92	3.8319977	52	3.8358174
13	3.8203985	73	3.8243211	33	3.8282086	93	3.8320616	53	3.8358807
14	3.8204642	74	3.8243862	34	3.8282731	94	3.8321255	54	3.8359441
15	3.8205298	75	3.8244513	35	3.8283376	95	3.8321895	55	3.8360075
16	3.8205955	76	3.8245163	36	3.8284021	96	3.8322534	56	3.8360708
17	3.8206611	77	3.8245814	37	3.8284665	97	3.8323173	57	3.8361342
18	3.8207268	78	3.8246464	38	3.8285310	98	3.8323812	58	3.8361975
19	3.8207924	79	3.8247114	39	3.8285955	99	3.8324450	59	3.8362608
20	3.8208580	80	3.8247765	40	3.8286599	6800	3.8325089	60	3.8363241
21	3.8209236	81	3.8248415	41	3.8287243	1	3.8325728	61	3.8363874
22	3.8209892	82	3.8249065	42	3.8287887	2	3.8326366	62	3.8364507
23	3.8210548	83	3.8249715	43	3.8288532	3	3.8327005	63	3.8365140
24	3.8211203	84	3.8250364	44	3.8289176	4	3.8327643	64	3.8365773
25	3.8211859	85	3.8251014	45	3.8289820	5	3.8328281	65	3.8366405
26	3.8212514	86	3.8251664	46	3.8290463	6	3.8328919	66	3.8367038
27	3.8213170	87	3.8252313	47	3.8291107	7	3.8329558	67	3.8367670
28	3.8213825	88	3.8252963	48	3.8291751	8	3.8330195	68	3.8368303
29	3.8214480	89	3.8253612	49	3.8202394	9	3.8330833	69	3.8368935
30	3.8215135	90	3.8254261	50	3.8293038	10	3.8331471	70	3.8369567
31	3.8215790	91	3.8254910	51	3.8293681	11	3.8332109	71	3.8370199
32	3.8216445	92	3.8255559	52	3.8294324	12	3.8332746	72	3.8370832
33	3.8217100	93	3.8256208	53	3.8294967	13	3.8333384	73	3.8371463
34	3.8217755	94	3.8256857	54	3.8295611	14	3.8334021	74	3.8372095
35	3.8218409	95	3.8257506	55	3.8296254	15	3.8334659	75	3.8372727
36	3.8219064	96	3.8258154	56	3.8296896	16	3.8335296	76	3.8373359
37	3.8219718	97	3.8258803	57	3.8297539	17	3.8335933	77	3.8373990
38	3.8220372	98	3.8259451	58	3.8298182	18	3.8336570	78	3.8374622
39	3.8221027	99	3.8260100	59	3.8298824	19	3.8337207	79	3.8375253
40	3.8221681	6700	3.8160748	60	3.8299467	20	3.8337844	80	3.8375884
41	3.8222335	1	3.8261396	61	3.8300109	21	3.8338480	81	3.8376516
42	3.8222989	2	3.8262044	62	3.8300752	22	3.8339117	82	3.8377147
43	3.8223643	3	3.8262692	63	3.8301394	23	3.8339754	83	3.8377778
44	3.8224296	4	3.8263340	64	3.8302036	24	3.8340390	84	3.8378409
45	3.8224950	5	3.8263988	65	3.8302678	25	3.8341027	85	3.8379039
46	3.8225603	6	3.8264635	65	3.8303320	26	3.8341663	86	3.8379670
47	3.8226257	7	3.8265283	67	3.8303962	27	3.8342299	87	3.8380301
48	3.8226910	8	3.8265931	68	3.8304603	28	3.8342935	88	3.8380931
49	3.8227563	9	3.8266578	69	3.8305245	29	3.8343571	89	3.8381562
50	3.8228216	10	3.8267225	70	3.8305887	30	3.8344207	90	3.8382192
51	3.8128869	11	3.8267872	71	3.8306528	31	3.8344843	91	3.8382822
52	3.8229522	12	3.8268519	72	3.8307169	32	3.8345479	92	3.8383453
53	3.8230175	13	3.8269166	73	3.8307811	33	3.8346114	93	3.8384083
54	3.8230828	14	3.8269813	74	3.8308452	34	3.8346750	94	3.8384713
55	3.8231481	15	3.8270460	75	3.8309093	35	3.8347385	95	3.8385343
56	3.8232133	16	3.8271107	76	3.8309724	36	3.8348021	96	3.8385973
57	3.8232786	17	3.8271753	77	3.8310375	37	3.8348656	97	3.8386602
58	3.8233438	18	3.8272400	78	3.8311016	38	3.8349291	98	3.8387232
59	3.8234090	19	3.8273046	79	3.8311656	39	3.8349926	99	3.8387862

secũda.	Gr. Mi. 1. 55.		Gr. Mi. 1. 56.		Gr. Mi. 1. 57.		Gr. Mi. 1. 58.		Gr. Mi. 1. 59.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu	Logarith.	Nu.	Logarith.
6900	3.8388491	6960	3.8426092	7020	3.8463371	7080	3.8500333	7140	3.8536982
1	3.8389120	61	3.8426716	21	3.8463990	81	3.8500946	41	3.8537590
2	3.8389750	62	3.8427340	22	3.8464608	82	3.8501559	42	3.8538198
3	3.8390379	63	3.8427964	23	3.8465227	83	3.8502172	43	3.8538806
4	3.8391008	64	3.8428588	24	3.8465845	84	3.8502786	44	3.8539414
5	3.8391637	65	3.8429211	25	3.8466463	85	3.8503309	45	3.8540022
6	3.8392266	66	3.8429835	26	3.8467081	86	3.8504011	46	3.8540630
7	3.8392895	67	3.8430458	27	3.8467700	87	3.8504624	47	3.8541238
8	3.8393523	68	3.8431081	28	3.8468318	88	3.8505237	48	3.8541845
9	3.8394152	69	3.8431705	29	3.8468935	89	3.8505850	49	3.8542453
10	3.8394780	70	3.8432328	30	3.8469553	90	3.8506462	50	3.8543060
11	3.8395409	71	3.8432951	31	3.8470171	91	3.8507075	51	3.8543668
12	3.8396037	72	3.8433574	32	3.8470789	92	3.8507687	52	3.8544275
13	3.8396666	73	3.8434197	33	3.8471406	93	3.8508300	53	3.8544882
14	3.8397294	74	3.8434819	34	3.8472024	94	3.8508912	54	3.8545489
15	3.8397922	75	3.8435442	35	3.8472641	95	3.8509524	55	3.8546096
16	3.8398550	76	3.8436065	36	3.8473258	96	3.8510136	56	3.8546703
17	3.8399178	77	3.8436687	37	3.8473876	97	3.8510748	57	3.8547310
18	3.8399806	78	3.8437310	38	3.8474493	98	3.8511360	58	3.8547917
19	3.8400433	79	3.8437932	39	3.8475110	99	3.8511972	59	3.8548524
20	3.8401061	80	3.8438554	40	3.8475727	7100	3.8512583	60	3.8549130
21	3.8401688	81	3.8439175	41	3.8476343	1	3.8513195	61	3.8549737
22	3.8402316	82	3.8439798	42	3.8476960	2	3.8513807	62	3.8550343
23	3.8402943	83	3.8440420	43	3.8477577	3	3.8514418	63	3.8550949
24	3.8403571	84	3.8441042	44	3.8478193	4	3.8515030	64	3.8551556
25	3.8404198	85	3.8441664	45	3.8478810	5	3.8515641	65	3.8552162
26	3.8404825	86	3.8442286	46	3.8479426	6	3.8516252	66	3.8552768
27	3.8405452	87	3.8442907	47	3.8480043	7	3.8516863	67	3.8553374
28	3.8406079	88	3.8443529	48	3.8480659	8	3.8517474	68	3.8553980
29	3.8406706	89	3.8444150	49	3.8481275	9	3.8518085	69	3.8554586
30	3.8407332	90	3.8444772	50	3.8481891	10	3.8518696	70	3.8555192
31	3.8407959	91	3.8445393	51	3.8482507	11	3.8519307	71	3.8555797
32	3.8408586	92	3.8446014	52	3.8483123	12	3.8519917	72	3.8556403
33	3.8409212	93	3.8446635	53	3.8483739	13	3.8520528	73	3.8557008
34	3.8409838	94	3.8447256	54	3.8484355	14	3.8521139	74	3.8557614
35	3.8410465	95	3.8447877	55	3.8484970	15	3.8521749	75	3.8558219
36	3.8411091	96	3.8448498	56	3.8485586	16	3.8522359	76	3.8558824
37	3.8411717	97	3.8449119	57	3.8486201	17	3.8522970	77	3.8559429
38	3.8412343	98	3.8449739	58	3.8486817	18	3.8523580	78	3.8560035
39	3.8412969	99	3.8450360	59	3.8487432	19	3.8524190	79	3.8560640
40	3.8413595	7000	3.8450980	60	3.8488047	20	3.8524800	80	3.8561244
41	3.8414220	1	3.8451601	61	3.8488662	21	3.8525410	81	3.8561849
42	3.8414846	2	3.8452221	62	3.8489277	22	3.8526020	82	3.8562454
43	3.8415472	3	3.8452841	63	3.8489892	23	3.8526629	83	3.8563059
44	3.8416097	4	3.8453461	64	3.8490507	24	3.8527239	84	3.8563663
45	3.8416722	5	3.8454081	65	3.8491122	25	3.8527849	85	3.8564268
46	3.8417348	6	3.8454701	66	3.8491736	26	3.8528458	86	3.8564872
47	3.8417973	7	3.8455321	67	3.8492351	27	3.8529068	87	3.8565476
48	3.8418598	8	3.8455941	68	3.8492965	28	3.8529677	88	3.8566081
49	3.8419223	9	3.8456561	69	3.8493580	29	3.8530286	89	3.8566685
50	3.8419848	10	3.8457180	70	3.8494194	30	3.8530895	90	3.8567289
51	3.8420473	11	3.8457800	71	3.8494808	31	3.8531504	91	3.8567893
52	3.8421098	12	3.8458419	72	3.8495423	32	3.8532113	92	3.8568497
53	3.8421722	13	3.8459038	73	3.8496037	33	3.8532722	93	3.8569101
54	3.8422347	14	3.8459658	74	3.8496651	34	3.8533331	94	3.8569704
55	3.8422971	15	3.8460277	75	3.8497264	35	3.8533940	95	3.8570308
56	3.8423596	16	3.8460896	76	3.8497878	36	3.8534549	96	3.8570912
57	3.8424220	17	3.8461515	77	3.8498492	37	3.8535157	97	3.8571515
58	3.8424844	18	3.8462134	78	3.8499106	38	3.8535766	98	3.8572118
59	3.8425468	19	3.8462752	79	3.8499719	39	3.8536374	99	3.8572722

secū da.	Gr. Mi. 2. 0.		Gr. Mi. 2. 1.		Gr. Mi. 2. 2.		Gr. Mi. 2. 3.		Gr. Ms. 2. 4.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith	Nu.	Logarith.
7200	3.8573325	7260	3.8609366	7320	3.8645111	7380	3.8680564	7440	3.8715729
1	3.8573928	61	3.8609964	21	3.8645704	81	3.8681152	41	3.8716313
2	3.8574531	62	3.8610562	22	3.8646297	82	3.8681740	42	3.8716897
3	3.8575134	63	3.8611160	23	3.8646890	83	3.8682329	43	3.8717480
4	3.8575737	64	3.8611758	24	3.8647483	84	3.8682917	44	3.8718064
5	3.8576340	65	3.8612356	25	3.8648076	85	3.8683505	45	3.8718647
6	3.8576943	66	3.8612954	26	3.8648669	86	3.8684093	46	3.8719230
7	3.8577545	67	3.8613552	27	3.8649262	87	3.8684681	47	3.8719814
8	3.8578148	68	3.8614149	28	3.8649855	88	3.8685269	48	3.8720397
9	3.8578750	69	3.8614747	29	3.8650447	89	3.8685857	49	3.8720980
10	3.8579353	70	3.8615344	30	3.8651040	90	3.8686444	50	3.8721563
11	3.8579955	71	3.8615941	31	3.8651632	91	3.8687032	51	3.8722146
12	3.8580557	72	3.8616539	32	3.8652225	92	3.8687620	52	3.8722728
13	3.8581159	73	3.8617136	33	3.8652817	93	3.8688207	53	3.8723311
14	3.8581761	74	3.8617733	34	3.8653409	94	3.8688794	54	3.8723894
15	3.8582363	75	3.8618330	35	3.8654001	95	3.8689382	55	3.8724476
16	3.8582965	76	3.8618927	36	3.8654593	96	3.8689969	56	3.8725059
17	3.8583567	77	3.8619524	37	3.8655185	97	3.8690556	57	3.8725641
18	3.8584169	78	3.8620120	38	3.8655777	98	3.8691143	58	3.8726224
19	3.8584770	79	3.8620717	39	3.8656369	99	3.8691730	59	3.8726806
20	3.8585372	80	3.8621314	40	3.8656961	7400	3.8692317	60	3.8727388
21	3.8585973	81	3.8621910	41	3.8657552	1	3.8692904	61	3.8727970
22	3.8586575	82	3.8622507	42	3.8658144	2	3.8693491	62	3.8728552
23	3.8587176	83	3.8623103	43	3.8658735	3	3.8694077	63	3.8729134
24	3.8587777	84	3.8623699	44	3.8659327	4	3.8694664	64	3.8729716
25	3.8588378	85	3.8624296	45	3.8659918	5	3.8695251	65	3.8730298
26	3.8588980	86	3.8624892	46	3.8660509	6	3.8695837	66	3.8730880
27	3.8589581	87	3.8625488	47	3.8661100	7	3.8696423	67	3.8731461
28	3.8590181	88	3.8626084	48	3.8661691	8	3.8697010	68	3.8732043
29	3.8590782	89	3.8626679	49	3.8662282	9	3.8697596	69	3.8732624
30	3.8591383	90	3.8627275	50	3.8662873	10	3.8698182	70	3.8733206
31	3.8591984	91	3.8627871	51	3.8663464	11	3.8698768	71	3.8733787
32	3.8592584	92	3.8628467	52	3.8664055	12	3.8699354	72	3.8734369
33	3.8593185	93	3.8629062	53	3.8664646	13	3.8699940	73	3.8734950
34	3.8593785	94	3.8629658	54	3.8665236	14	3.8700526	74	3.8735531
35	3.8594385	95	3.8630253	55	3.8665827	15	3.8701111	75	3.8736112
36	3.8594985	96	3.8630848	56	3.8666417	16	3.8701697	76	3.8736693
37	3.8595586	97	3.8631443	57	3.8667008	17	3.8702283	77	3.8737274
38	3.8596186	98	3.8632039	58	3.8667598	18	3.8702868	78	3.8737855
39	3.8596786	99	3.8632634	59	3.8668188	19	3.8703454	79	3.8738435
40	3.8597386	7300	3.8633229	60	3.8668778	20	3.8704039	80	3.8739016
41	3.8597985	1	3.8633823	61	3.8669368	21	3.8704624	81	3.8739597
42	3.8598585	2	3.8634418	62	3.8669958	22	3.8705209	82	3.8740177
43	3.8599185	3	3.8635013	63	3.8670548	23	3.8705795	83	3.8740757
44	3.8599784	4	3.8635608	64	3.8671138	24	3.8706380	84	3.8741338
45	3.8600384	5	3.8636202	65	3.8671728	25	3.8706965	85	3.8741918
46	3.8600983	6	3.8636797	66	3.8672317	26	3.8707549	86	3.8742498
47	3.8601583	7	3.8637391	67	3.8672907	27	3.8708134	87	3.8743078
48	3.8602182	8	3.8637985	68	3.8673496	28	3.8708719	88	3.8743658
49	3.8602781	9	3.8638580	69	3.8674086	29	3.8709304	89	3.8744238
50	3.8603380	10	3.8639174	70	3.8674675	30	3.8709888	90	3.8744818
51	3.8603979	11	3.8639768	71	3.8675264	31	3.8710473	91	3.8745398
52	3.8604578	12	3.8640362	72	3.8675853	32	3.8711057	92	3.8745978
53	3.8605177	13	3.8640956	73	3.8676442	33	3.8711641	93	3.8746557
54	3.8605776	14	3.8641550	74	3.8677031	34	3.8712226	94	3.8747137
55	3.8606374	15	3.8642143	75	3.8677620	35	3.8712810	95	3.8747716
56	3.8606973	16	3.8642737	76	3.8678209	36	3.8713394	96	3.8748296
57	3.8607571	17	3.8643331	77	3.8678798	37	3.8713978	97	3.8748875
58	3.8608170	18	3.8643924	78	3.8679386	38	3.8714562	98	3.8749454
59	3.8608768	19	3.8644517	79	3.8679975	39	3.8715146	99	3.8750034

	Gr. Mi. 2. 5.		Gr. Mi. 2. 6.		Gr. Mi. 2. 7.		Gr. Mi. 2. 8.		Gr. Mi. 2. 9.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
7500	3.8750613	7560	3.8785218	7620	3.8819550	7680	3.8853612	7740	3.8887410
1	3.8751192	61	3.8785792	21	3.8820120	81	3.8854178	41	3.8887971
2	3.8751771	62	3.8786367	22	3.8820689	82	3.8854743	42	3.8888532
3	3.8752349	63	3.8786941	23	3.8821259	83	3.8855308	43	3.8889093
4	3.8752928	64	3.8787515	24	3.8821829	84	3.8855874	44	3.8889653
5	3.8753507	65	3.8788089	25	3.8822398	85	3.8856439	45	3.8890214
6	3.8754086	66	3.8788663	26	3.8822968	86	3.8857004	46	3.8890775
7	3.8754664	67	3.8789237	27	3.8823537	87	3.8857569	47	3.8891335
8	3.8755242	68	3.8789811	28	3.8824107	88	3.8858134	48	3.8891896
9	3.8755821	69	3.8790385	29	3.8824676	89	3.8858699	49	3.8892457
10	3.8756399	70	3.8790959	30	3.8825245	90	3.8859263	50	3.8893017
11	3.8756978	71	3.8791532	31	3.8825815	91	3.8859828	51	3.8893577
12	3.8757556	72	3.8792106	32	3.8826384	92	3.8860393	52	3.8894138
13	3.8758134	73	3.8792680	33	3.8826953	93	3.8860957	53	3.8894698
14	3.8758712	74	3.8793253	34	3.8827522	94	3.8861522	54	3.8895258
15	3.8759290	75	3.8793826	35	3.8828090	95	3.8862086	55	3.8895818
16	3.8759868	76	3.8794400	36	3.8828659	96	3.8862651	56	3.8896378
17	3.8760445	77	3.8794973	37	3.8829228	97	3.8863215	57	3.8896938
18	3.8761023	78	3.8795546	38	3.8829797	98	3.8863779	58	3.8897498
19	3.8761601	79	3.8796119	39	3.8830365	99	3.8864343	59	3.8898057
20	3.8762178	80	3.8796692	40	3.8830934	7700	3.8864907	60	3.8898617
21	3.8762756	81	3.8797265	41	3.8831502	1	3.8865471	61	3.8899177
22	3.8763333	82	3.8797838	42	3.8832070	2	3.8866035	62	3.8899736
23	3.8763911	83	3.8798411	43	3.8832639	3	3.8866599	63	3.8900296
24	3.8764488	84	3.8798983	44	3.8833207	4	3.8867163	64	3.8900855
25	3.8765065	85	3.8799556	45	3.8833775	5	3.8867726	65	3.8901415
26	3.8765642	86	3.8800128	46	3.8834343	6	3.8868290	66	3.8901974
27	3.8766219	87	3.8800701	47	3.8834911	7	3.8868854	67	3.8902533
28	3.8766796	88	3.8801273	48	3.8835479	8	3.8869417	68	3.8903092
29	3.8767373	89	3.8801846	49	3.8836047	9	3.8869980	69	3.8903651
30	3.8767950	90	3.8802418	50	3.8836614	10	3.8870544	70	3.8904210
31	3.8768526	91	3.8802990	51	3.8837182	11	3.8871107	71	3.8904769
32	3.8769103	92	3.8803562	52	3.8837750	12	3.8871670	72	3.8905328
33	3.8769680	93	3.8804134	53	3.8838317	13	3.8872233	73	3.8905887
34	3.8770256	94	3.8804706	54	3.8838885	14	3.8872796	74	3.8906445
35	3.8770833	95	3.8805278	55	3.8839452	15	3.8873359	75	3.8907004
36	3.8771409	96	3.8805850	56	3.8840019	16	3.8873922	76	3.8907562
37	3.8771985	97	3.8806421	57	3.8840586	17	3.8874485	77	3.8908121
38	3.8772561	98	3.8806993	58	3.8841154	18	3.8875048	78	3.8908679
39	3.8773137	99	3.8807564	59	3.8841721	19	3.8875610	79	3.8909238
40	3.8773713	7600	3.8808136	60	3.8842288	20	3.8876173	80	3.8909796
41	3.8774289	1	3.8808707	61	3.8842855	21	3.8876735	81	3.8910354
42	3.8774865	2	3.8809279	62	3.8843421	22	3.8877298	82	3.8910912
43	3.8775441	3	3.8809850	63	3.8843988	23	3.8877860	83	3.8911470
44	3.8776017	4	3.8810421	64	3.8844555	24	3.8878423	84	3.8912028
45	3.8776592	5	3.8810992	65	3.8845122	25	3.8878985	85	3.8912586
46	3.8777168	6	3.8811563	66	3.8845688	26	3.8879547	86	3.8913144
47	3.8777743	7	3.8812134	67	3.8846255	27	3.8880109	87	3.8913702
48	3.8778319	8	3.8812705	68	3.8846821	28	3.8880671	88	3.8914259
49	3.8778894	9	3.8813276	69	3.8847387	29	3.8881233	89	3.8914817
50	3.8779460	10	3.8813847	70	3.8847954	30	3.8881795	90	3.8915375
51	3.8780045	11	3.8814417	71	3.8848520	31	3.8882357	91	3.8915932
52	3.8780620	12	3.8814988	72	3.8849086	32	3.8882918	92	3.8916489
53	3.8781195	13	3.8815558	73	3.8849652	33	3.8883480	93	3.8917047
54	3.8781770	14	3.8816129	74	3.8850218	34	3.8884042	94	3.8917604
55	3.8782345	15	3.8816699	75	3.8850784	35	3.8884603	95	3.8918161
56	3.8782919	16	3.8817269	76	3.8851350	36	3.8885165	96	3.8918718
57	3.8783494	17	3.8817840	77	3.8851915	37	3.8885726	97	3.8919275
58	3.8784069	18	3.8818410	78	3.8852481	38	3.8886287	98	3.8919832
59	3.8784643	19	3.8818980	79	3.8853047	39	3.8886848	99	3.8920389

secū da.	Gr. Mi. 2. 10.		Gr. Mi. 2. 11.		Gr. Mi. 2. 12.		Gr. Mi. 2. 13.		Gr. Mi. 2. 14.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
7800	3.8920946	7860	3.8954225	7920	3.8987252	7980	3.9020029	8040	3.9052560
1	3.8921502	61	3.8954778	21	3.8987800	81	3.9020573	41	3.9053101
2	3.8922059	62	3.8955330	22	3.8988348	82	3.9021117	42	3.9053641
3	3.8922616	63	3.8955883	23	3.8988897	83	3.9021661	43	3.9054181
4	3.8923173	64	3.8956435	24	3.8989445	84	3.9022205	44	3.9054721
5	3.8923729	65	3.8956987	25	3.8989993	85	3.9022749	45	3.9055260
6	3.8924285	66	3.8957539	26	3.8990541	86	3.9023293	46	3.9055800
7	3.8924842	67	3.8958092	27	3.8991089	87	3.9023837	47	3.9056340
8	3.8925398	68	3.8958644	28	3.8991636	88	3.9024381	48	3.9056880
9	3.8925954	69	3.8959195	29	3.8992184	89	3.9024924	49	3.9057419
10	3.8926510	70	3.8959747	30	3.8992732	90	3.9025468	50	3.9057959
11	3.8927066	71	3.8960299	31	3.8993279	91	3.9026011	51	3.9058498
12	3.8927622	72	3.8960851	32	3.8993827	92	3.9026555	52	3.9059038
13	3.8928178	73	3.8961403	33	3.8994375	93	3.9027098	53	3.9059577
14	3.8928734	74	3.8961954	34	3.8994922	94	3.9027641	54	3.9060116
15	3.8929290	75	3.8962506	35	3.8995469	95	3.9028185	55	3.9060655
16	3.8929845	76	3.8963057	36	3.8996017	96	3.9028728	56	3.9061195
17	3.8930401	77	3.8963608	37	3.8996564	97	3.9029271	57	3.9061734
18	3.8930957	78	3.8964160	38	3.8997111	98	3.9029814	58	3.9062273
19	3.8931512	79	3.8964711	39	3.8997658	99	3.9030357	59	3.9062812
20	3.8932067	80	3.8965262	40	3.8998205	8000	3.9030900	60	3.9063350
21	3.8932623	81	3.8965813	41	3.8998752	1	3.9031443	61	3.9063889
22	3.8933178	82	3.8966364	42	3.8999299	2	3.9031985	62	3.9064428
23	3.8933733	83	3.8966915	43	3.8999846	3	3.9032528	63	3.9064967
24	3.8934288	84	3.8967466	44	3.9000392	4	3.9033071	64	3.9065505
25	3.8934843	85	3.8968017	45	3.9000939	5	3.9033613	65	3.9066044
26	3.8935398	86	3.8968568	46	3.9001486	6	3.9034156	66	3.9066582
27	3.8935953	87	3.8969118	47	3.9002032	7	3.9034698	67	3.9067121
28	3.8936508	88	3.8969669	48	3.9002579	8	3.9035241	68	3.9067659
29	3.8937063	89	3.8970219	49	3.9003125	9	3.9035783	69	3.9068197
30	3.8937618	90	3.8970770	50	3.9003671	10	3.9036325	70	3.9068735
31	3.8938172	91	3.8971320	51	3.9004218	11	3.9036867	71	3.9069273
32	3.8938727	92	3.8971871	52	3.9004764	12	3.9037409	72	3.9069812
33	3.8939281	93	3.8972421	53	3.9005310	13	3.9037951	73	3.9070350
34	3.8939836	94	3.8972971	54	3.9005856	14	3.9038493	74	3.9070887
35	3.8940390	95	3.8973521	55	3.9006402	15	3.9039035	75	3.9071425
36	3.8940944	96	3.8974071	56	3.9006948	16	3.9039577	76	3.9071963
37	3.8941498	97	3.8974621	57	3.9007494	17	3.9040119	77	3.9072501
38	3.8942053	98	3.8975171	58	3.9008039	18	3.9040661	78	3.9073038
39	3.8942607	99	3.8975721	59	3.9008585	19	3.9041202	79	3.9073576
40	3.8943161	7900	3.8976271	60	3.9009131	20	3.9041744	80	3.9074114
41	3.8943715	1	3.8976821	61	3.9009676	21	3.9042285	81	3.9074651
42	3.8944268	2	3.8977370	62	3.9010222	22	3.9042827	82	3.9075188
43	3.8944822	3	3.8977920	63	3.9010767	23	3.9043368	83	3.9075726
44	3.8945376	4	3.8978469	64	3.9011313	24	3.9043909	84	3.9076263
45	3.8945929	5	3.8979019	65	3.9011858	25	3.9044450	85	3.9076800
46	3.8946483	6	3.8979568	66	3.9012403	26	3.9044992	86	3.9077337
47	3.8947036	7	3.8980117	67	3.9012948	27	3.9045533	87	3.9077874
48	3.8947590	8	3.8980667	68	3.9013493	28	3.9046074	88	3.9078411
49	3.8948143	9	3.8981216	69	3.9014038	29	3.9046615	89	3.9078948
50	3.8948696	10	3.8981765	70	3.9014583	30	3.9047155	90	3.9079485
51	3.8949250	11	3.8982314	71	3.9015128	31	3.9047696	91	3.9080022
52	3.8949803	12	3.8982863	72	3.9015673	32	3.9048237	92	3.9080559
53	3.8950356	13	3.8983412	73	3.9016218	33	3.9048778	93	3.9081095
54	3.8950909	14	3.8983960	74	3.9016762	34	3.9049318	94	3.9081632
55	3.8951462	15	3.8984509	75	3.9017307	35	3.9049859	95	3.9082169
56	3.8952015	16	3.8985058	76	3.9017851	36	3.9050399	96	3.9082705
57	3.8952567	17	3.8985606	77	3.9018396	37	3.9050940	97	3.9083241
58	3.8953120	18	3.8986155	78	3.9018940	38	3.9051480	98	3.9083778
59	3.8953673	19	3.8986703	79	3.9019485	39	3.9052020	99	3.9084314

secū da. Gr. Mi. 2. 15.		Gr. Mi. 2. 16.		Gr. Mi. 2. 17.		Gr. Mi. 2. 18.		Gr. Mi. 2. 19.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
8100	3.9084850	8160	3.9116902	8220	3.9148718	8280	3.9180303	8340	3.9211661
1	3.9085386	61	3.9117434	21	3.9149246	81	3.9180828	41	3.9212181
2	3.9085922	62	3.9117966	22	3.9149775	82	3.9181352	42	3.9212702
3	3.9086458	63	3.9118498	23	3.9150303	83	3.9181877	43	3.9213222
4	3.9086994	64	3.9119030	24	3.9150831	84	3.9182401	44	3.9213742
5	3.9087530	65	3.9119562	25	3.9151359	85	3.9182925	45	3.9214263
6	3.9088066	66	3.9120094	26	3.9151887	86	3.9183449	46	3.9214784
7	3.9088602	67	3.9120625	27	3.9152415	87	3.9183973	47	3.9215304
8	3.9089137	68	3.9121157	28	3.9152943	88	3.9184497	48	3.9215824
9	3.9089673	69	3.9121689	29	3.9153471	89	3.9185021	49	3.9216345
10	3.9090208	70	3.9122220	30	3.9153998	90	3.9185545	50	3.9216865
11	3.9090744	71	3.9122752	31	3.9154526	91	3.9186069	51	3.9217385
12	3.9091279	72	3.9123283	32	3.9155054	92	3.9186593	52	3.9217905
13	3.9091815	73	3.9123815	33	3.9155581	93	3.9187117	53	3.9218425
14	3.9092350	74	3.9124346	34	3.9156109	94	3.9187640	54	3.9218945
15	3.9092885	75	3.9124878	35	3.9156636	95	3.9188164	55	3.9219465
16	3.9093420	76	3.9125409	36	3.9157163	96	3.9188687	56	3.9219984
17	3.9093955	77	3.9125940	37	3.9157691	97	3.9189211	57	3.9220504
18	3.9094490	78	3.9126471	38	3.9158218	98	3.9189734	58	3.9221024
19	3.9095025	79	3.9127002	39	3.9158745	99	3.9190258	59	3.9221543
20	3.9095560	80	3.9127533	40	3.9159272	8300	3.9190781	60	3.9222063
21	3.9096095	81	3.9128064	41	3.9159799	1	3.9191304	61	3.9222582
22	3.9096630	82	3.9128595	42	3.9160326	2	3.9191827	62	3.9223102
23	3.9097164	83	3.9129125	43	3.9160853	3	3.9192350	63	3.9223621
24	3.9097699	84	3.9129656	44	3.9161380	4	3.9192873	64	3.9224140
25	3.9098234	85	3.9130187	45	3.9161907	5	3.9193396	65	3.9224659
26	3.9098768	86	3.9130717	46	3.9162433	6	3.9193919	66	3.9225179
27	3.9099302	87	3.9131248	47	3.9162960	7	3.9194442	67	3.9225698
28	3.9099837	88	3.9131778	48	3.9163487	8	3.9194965	68	3.9226217
29	3.9100371	89	3.9132309	49	3.9164013	9	3.9195488	69	3.9226736
30	3.9100905	90	3.9132839	50	3.9164539	10	3.9196010	70	3.9227255
31	3.9101440	91	3.9133369	51	3.9165066	11	3.9196533	71	3.9227773
32	3.9101974	92	3.9133899	52	3.9165592	12	3.9197055	72	3.9228292
33	3.9102508	93	3.9134429	53	3.9166118	13	3.9197578	73	3.9228811
34	3.9103042	94	3.9134959	54	3.9166645	14	3.9198100	74	3.9229330
35	3.9103575	95	3.9135489	55	3.9167171	15	3.9198623	75	3.9229848
36	3.9104109	96	3.9136019	56	3.9167697	16	3.9199145	76	3.9230367
37	3.9104643	97	3.9136549	57	3.9168223	17	3.9199667	77	3.9230885
38	3.9105177	98	3.9137079	58	3.9168749	18	3.9200189	78	3.9231404
39	3.9105710	99	3.9137609	59	3.9169275	19	3.9200711	79	3.9231922
40	3.9106244	8200	3.9138138	60	3.9169800	20	3.9201233	80	3.9232440
41	3.9106777	1	3.9138668	61	3.9170326	21	3.9201755	81	3.9232958
42	3.9107311	2	3.9139198	62	3.9170852	22	3.9202277	82	3.9233477
43	3.9107844	3	3.9139727	63	3.9171377	23	3.9202799	83	3.9233995
44	3.9108378	4	3.9140256	64	3.9171903	24	3.9203321	84	3.9234513
45	3.9108911	5	3.9140786	65	3.9172428	25	3.9203842	85	3.9235031
46	3.9109444	6	3.9141315	66	3.9172954	26	3.9204364	86	3.9235549
47	3.9109977	7	3.9141844	67	3.9173479	27	3.9204886	87	3.9236066
48	3.9110510	8	3.9142373	68	3.9174005	28	3.9205407	88	3.9236584
49	3.9111043	9	3.9142902	69	3.9174530	29	3.9205929	89	3.9237102
50	3.9111576	10	3.9143432	70	3.9175055	30	3.9206450	90	3.9237620
51	3.9112109	11	3.9143960	71	3.9175580	31	3.9206971	91	3.9238137
52	3.9112642	12	3.9144489	72	3.9176105	32	3.9207493	92	3.9238655
53	3.9113174	13	3.9145018	73	3.9176630	33	3.9208014	93	3.9239172
54	3.9113707	14	3.9145547	74	3.9177155	34	,9208535	94	3.9239690
55	3.9114240	15	3.9146076	75	3.9177680	35	3.9209056	95	3.9240207
56	3.9114772	16	3.9146604	76	3.9178205	36	3.9209577	96	3.9240724
57	3.911[illegible]	17	3.9147133	77	3.9178729	37	3.9210098	97	3.9241242
58	3.9115837	18	3.9147661	78	3.9179254	38	3.9210619	98	3.9241759
59	3.9116369	19	3.9148190	79	3.9179779	39	3.9211140	99	3.9242276

secūda.	Gr. Mi. 2. 20.		Gr. Mi. 2. 21.		Gr. Mi. 2. 22.		Gr. Mi. 2. 23.		Gr. Mi. 2. 24.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith	Nu	Logarith	Nu.	Logarith.
8400	3.9242793	8460	3.9273704	8520	3.9304396	8580	3.9334873	8640	3.9365137
1	3.9243310	61	3.9274217	21	3.9304906	81	3.9335379	41	3.9365640
2	3.9243827	62	3.9274730	22	3.9305415	82	3.9335885	42	3.9366143
3	3.9244344	63	3.9275243	23	3.9305925	83	3.9336391	43	3.9366645
4	3.9244860	64	3.9275757	24	3.9306434	84	3.9336897	44	3.9367147
5	3.9245377	65	3.9276270	25	3.9306944	85	3.9337403	45	3.9367650
6	3.9245894	66	3.9276783	26	3.9307453	86	3.9337909	46	3.9368152
7	3.9246410	67	3.9277296	27	3.9307963	87	3.9338415	47	3.9368654
8	3.9246927	68	3.9277808	28	3.9308472	88	3.9338920	48	3.9369157
9	3.9247444	69	3.9278321	29	3.9308981	89	3.9339426	49	3.9369659
10	3.9247960	70	3.9278834	30	3.9309490	90	3.9339932	90	3.9370161
11	3.9248476	71	3.9279347	31	3.9309999	91	3.9340437	51	3.9370663
12	3.9248993	72	3.9279859	32	3.9310506	92	3.9340943	52	3.9371165
13	3.9249509	73	3.9280372	33	3.9311017	93	3.9341448	53	3.9371667
14	3.9250025	74	3.9280885	34	3.9311526	94	3.9341953	54	3.9372169
15	3.9250541	75	3.9281397	35	3.9312035	95	3.9342459	55	3.9372671
16	3.9251057	76	3.9281909	36	3.9312544	96	3.9342964	56	3.9373172
17	3.9251573	77	3.9282421	37	3.9313053	97	3.9343469	57	3.9373674
18	3.9252089	78	3.9282934	38	3.9313561	98	3.9343974	58	3.9374176
19	3.9252605	79	3.9283446	39	3.9314070	99	3.9344479	59	3.9374677
20	3.9253121	80	3.9283959	40	3.9314579	8600	3.9344984	60	3.9375179
21	3.9253637	81	3.9284471	41	3.9315087	1	3.9345489	61	3.9375680
22	3.9254152	82	3.9284983	42	3.9315596	2	3.9345994	62	3.9376182
23	3.9254668	83	3.9285495	43	3.9316104	3	3.9346499	63	3.9376683
24	3.9255184	84	3.9286007	44	3.9316612	4	3.9347004	64	3.9377184
25	3.9255699	85	3.9286518	45	3.9317121	5	3.9347509	65	3.9377686
26	3.9256215	86	3.9287030	46	3.9317629	6	3.9348013	66	3.9378187
27	3.9256730	87	3.9287542	47	3.9318137	7	3.9348518	67	3.9378688
28	3.9257245	88	3.9288054	48	3.9318645	8	3.9349022	68	3.9379189
29	3.9257761	89	3.9288565	40	3.9319153	9	3.9349527	69	3.9379690
30	3.9258276	90	3.9289077	50	3.9319661	10	3.9350031	70	3.9380191
31	3.9258791	91	3.9289588	51	3.9320169	11	3.9350536	71	3.9380692
32	3.9259306	92	3.9290100	52	3.9320677	12	3.9351040	72	3.9381193
33	3.9259821	93	3.9290611	53	3.9321185	13	3.9351544	73	3.9381693
34	3.9260336	94	3.9291123	54	3.9321692	14	3.9352048	74	3.9382194
35	3.9260851	95	3.9291634	55	3.9322200	15	3.9352553	75	3.9382695
36	3.9261366	96	3.9292145	56	3.9322708	16	3.9353057	76	3.9383195
37	3.9261880	97	3.9292656	57	3.9323215	17	3.9353561	77	3.9383696
38	3.9262395	98	3.9293167	58	3.9323723	18	3.9354065	78	3.9384196
39	3.9262910	99	3.9293678	59	3.9324230	19	3.9354569	79	3.9384697
40	3.9263424	8500	3.9294189	60	3.9324738	20	3.9355073	80	3.9385197
41	3.9263939	1	3.9294700	61	3.9325245	21	3.9355576	81	3.9385697
42	3.9264453	2	3.9295211	62	3.9325752	22	3.9356080	82	3.9386198
43	3.9264968	3	3.9295722	63	3.9326259	23	3.9356584	83	3.9386698
44	3.6265482	4	3.9296232	64	3.9326766	24	3.9357087	84	3.9387198
45	3.9265997	5	3.9296743	65	3.9327274	25	3.9357591	85	3.9387698
46	3.9266511	6	3.9297254	66	3.9327781	26	3.9358094	85	3.9388198
47	3.9267025	7	3.9297764	67	3.9328288	27	3.9358598	87	3.9388698
48	3.9267539	8	3.9298275	68	3.9328794	28	3.9359101	88	3.9389198
49	3.9268053	9	3.9298785	69	3.9329301	29	3.9359605	89	3.9389698
50	3.9268567	10	3.9299296	70	3.9329808	30	3.9360108	90	3.9390198
51	3.9269081	11	3.9299806	71	3.9330315	31	3.9360611	91	3.9390697
52	3.9269595	12	3.9300316	72	3.9330822	32	3.9361114	92	3.9391197
53	3.9270109	13	3.9300826	73	3.9331328	33	3.9361617	93	3.9391697
54	3.9270622	14	3.9301336	74	3.9331835	34	3.9362120	94	3.9392196
55	3.9271136	15	3.9301846	75	3.9332342	35	3.9362623	95	3.9392696
56	3.9271650	16	3.9302356	76	3.9332848	36	3.9363126	96	3.9393195
57	3.9272163	17	3.9302866	77	3.9333354	37	3.9363629	97	3.9393695
58	3.9272677	18	3.9303376	78	3.9333861	38	3.9364132	98	3.9394194
59	3.9273190	19	3.9303885	79	3.9334367	39	3.9364635	99	3.9394693

secunda. Gr. 2. Mi. 25.		Gr. 2. Mi. 26.		Gr. 2. Mi. 27.		Gr. 2. Mi. 28.		Gr. 2. Mi. 29.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
8700	3.9395192	8760	3.9425041	8820	3.9454686	8880	3.9484130	8940	3.9513375
1	3.9395692	61	3.9425537	21	3.9455178	81	3.9484619	41	3.9513861
2	3.9396191	62	3.9426032	22	3.9455670	82	3.9485108	42	3.9514347
3	3.9396690	63	3.9426528	23	3.9456163	83	3.9485597	43	3.9514832
4	3.9397189	64	3.9427024	24	3.9456655	84	3.9486085	44	3.9515318
5	3.9397688	65	3.9427518	25	3.9457147	85	3.9486574	45	3.9515803
6	3.9398187	66	3.9428015	26	3.9457639	86	3.9487063	46	3.9516289
7	3.9398685	67	3.9428510	27	3.9458131	87	3.9487552	47	3.9516774
8	3.9399184	68	3.9429005	28	3.9458623	88	3.9488040	48	3.9517260
9	3.9399683	69	3.9429501	29	3.9459115	89	3.9488529	49	3.9517745
10	3.9400182	70	3.9429996	30	3.9459607	90	3.9489018	50	3.9518230
11	3.9400680	71	3.9430491	31	3.9460099	91	3.9489506	51	3.9518716
12	3.9401179	72	3.9430986	32	3.9460591	92	3.9489994	52	3.9519201
13	3.9401677	73	3.9431481	33	3.9461082	93	3.9490483	53	3.9519686
14	3.9402176	74	3.9431976	34	3.9461574	94	3.9490971	54	3.9520172
15	3.9402674	75	3.9432471	35	3.9462065	95	3.9491459	55	3.9520656
16	3.9403172	76	3.9432966	36	3.9462557	96	3.9491948	56	3.9521141
17	3.9403670	77	3.9433461	37	3.9463048	97	3.9492436	57	3.9521626
18	3.9404169	78	3.9433956	38	3.9463540	98	3.9492924	58	3.9522111
19	3.9404667	79	3.9434450	39	3.9464031	99	3.9493412	59	3.9522595
20	3.9405165	80	3.9434945	40	3.9464523	8900	3.9493900	60	3.9523080
21	3.9405663	81	3.9435440	41	3.9465014	1	3.9494388	61	3.9523565
22	3.9406161	82	3.9435934	42	3.9465505	2	3.9494876	62	3.9524049
23	3.9406659	83	3.9436429	43	3.9465996	3	3.9495364	63	3.9524534
24	3.9407157	84	3.9436923	44	3.9466487	4	3.9495852	64	3.9525018
25	3.9407654	85	3.9437418	45	3.9466978	5	3.9496339	65	3.9525503
26	3.9408152	86	3.9437912	46	3.9467469	6	3.9496827	66	3.9525987
27	3.9408650	87	3.9438406	47	3.9467960	7	3.9497315	67	3.9526472
28	3.9409147	88	3.9438900	48	3.9468451	8	3.9497802	68	3.9526956
29	3.9409645	89	3.9439395	49	3.9468942	9	3.9498290	69	3.9527440
30	3.9410142	90	3.9439889	50	3.9469433	10	3.9498777	70	3.9527924
31	3.9410640	91	3.9440383	51	3.9469923	11	3.9499264	71	3.9528409
32	3.9411137	92	3.9440877	52	3.9470414	12	3.9499752	72	3.9528893
33	3.9411635	93	3.9441371	53	3.9470905	13	3.9500239	73	3.9529377
34	3.9412132	94	3.9441865	54	3.9471395	14	3.9500726	74	3.9529861
35	3.9412629	95	3.9442358	55	3.9471886	15	3.9501213	75	3.9530345
36	3.9413126	96	3.9442852	56	3.9472376	16	3.9501701	76	3.9530828
37	3.9413623	97	3.9443346	57	3.9472866	17	3.9502188	77	3.9531312
38	3.9414120	98	3.9443840	58	3.9473357	18	3.9502675	78	3.9531796
39	3.9414617	99	3.9444333	59	3.9473847	19	3.9503162	79	3.9532280
40	3.9415114	8800	3.9444827	60	3.9474337	20	3.9503649	80	3.9532763
41	3.9415611	1	3.9445320	61	3.9474827	21	3.9504135	81	3.9533247
42	3.9416108	2	3.9445814	62	3.9475317	22	3.9504622	82	3.9533730
43	3.9416605	3	3.9446307	63	3.9475807	23	3.9505109	83	3.9534214
44	3.9417101	4	3.9446800	64	3.9476297	24	3.9505596	84	3.9534697
45	3.9417598	5	3.9447294	65	3.9476787	25	3.9506082	85	3.9535181
46	3.9418095	6	3.9447787	66	3.9477277	26	3.9506569	86	3.9535664
47	3.9418591	7	3.9448280	67	3.9477767	27	3.9507055	87	3.9536147
48	3.9419088	8	3.9448773	68	3.9478257	28	3.9507542	88	3.9536631
49	3.9419584	9	3.9449266	69	3.9478746	29	3.9508028	89	3.9537114
50	3.9420081	10	3.9449759	70	3.9479236	30	3.9508515	90	3.9537597
51	3.9420577	11	3.9450252	71	3.9479726	31	3.9509001	91	3.9538080
52	3.9421073	12	3.9450745	72	3.9480215	32	3.9509487	92	3.9538563
53	3.9421569	13	3.9451238	73	3.9480705	33	3.9509973	93	3.9539046
54	3.9422065	14	3.9451730	74	3.9481194	34	3.9510459	94	3.9539529
55	3.9422561	15	3.9452223	75	3.9481684	35	3.9510946	95	3.9540012
56	3.9423058	16	3.9452716	76	3.9482173	36	3.9511432	96	3.9540494
57	3.9423553	17	3.9453208	77	3.9482662	37	3.9511918	97	3.9540977
58	3.9424049	18	3.9453701	78	3.9483151	38	3.9512404	98	3.9541460
59	3.9424545	19	3.9454193	79	3.9483640	39	3.9512889	99	3.9541943

Secũ dæ. Gr. Mi. 2. 30.		Gr. Mi. 2. 31.		Gr. Mi. 2. 32.		Gr. Mi. 2. 33.		Gr. Mi. 2. 34.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
9000	3.9542425	9060	3.9571282	9120	3.9599948	9180	3.9628427	9240	3.9656720
1	3.9542908	61	3.9571761	21	3.9600424	81	3.9628900	41	3.9657190
2	3.9543390	62	3.9572241	22	3.9600901	82	3.9629373	42	3.9657660
3	3.9543872	63	3.9572720	23	3.9601377	83	3.9629846	43	3.9658129
4	3.9544355	64	3.9573199	24	3.9601853	84	3.9630319	44	3.9658599
5	3.9544837	65	3.9573678	25	3.9602329	85	3.9630792	45	3.9659069
6	3.9545319	66	3.9574157	26	3.9602805	86	3.9631264	46	3.9659539
7	3.9545802	67	3.9574636	27	3.9603280	87	3.9631737	47	3.9660008
8	3.9546284	68	3.9575115	28	3.9603756	88	3.9632210	48	3.9660478
9	3.9546766	69	3.9575594	29	3.9604232	89	3.9632682	49	3.9660948
10	3.9547248	70	3.9576073	30	3.9604708	90	3.9633155	50	3.9661417
11	3.9547730	71	3.9576552	31	3.9605183	91	3.9633628	51	3.9661887
12	3.9548212	72	3.9577030	32	3.9605659	92	3.9634100	52	3.9662356
13	3.9548694	73	3.9577509	33	3.9606134	93	3.9634573	53	3.9662826
14	3.9549176	74	3.9577988	34	3.9606610	94	3.9635045	54	3.9663295
15	3.9549657	75	3.9578466	35	3.9607085	95	3.9635517	55	3.9663764
16	3.9550139	76	3.9578945	36	3.9607561	96	3.9635990	56	3.9664233
17	3.9550621	77	3.9579423	37	3.9608036	97	3.9636462	57	3.9664703
18	3.9551102	78	3.9579902	38	3.9608511	98	3.9636934	58	3.9665172
19	3.9551584	79	3.9580380	39	3.9608987	99	3.9637406	59	3.9665641
20	3.9552065	80	3.9580858	40	3.9609462	9200	3.9637878	60	3.9666110
21	3.9552547	81	3.9581337	41	3.9609937	1	3.9638350	61	3.9666579
22	3.9553028	82	3.9581815	42	3.9610412	2	3.9638822	62	3.9667048
23	3.9553510	83	3.9582293	43	3.9610887	3	3.9639294	63	3.9667537
24	3.9553991	84	3.9582771	44	3.9611362	4	3.9639766	64	3.9667985
25	3.9554472	85	3.9583249	45	3.9611837	5	3.9640238	65	3.9668454
26	3.9554953	86	3.9583727	46	3.9612312	6	3.9640719	66	3.9668923
27	3.9555434	87	3.9584205	47	3.9612787	7	3.9641181	67	3.9669392
28	3.9555915	88	3.9584623	48	3.9613261	8	3.9641653	68	3.9669860
29	3.9556397	89	3.9585161	49	3.9613736	9	3.9642125	69	3.9670329
30	3.9556877	90	3.9585639	50	3.9614211	10	3.9642596	70	3.9670797
31	3.9557358	91	3.9586117	51	3.9614685	11	3.9643068	71	3.9671266
32	3.9557839	92	3.9586594	52	3.9615160	12	3.9643539	72	3.9671734
33	3.9558320	93	3.9587072	53	3.9615635	13	3.9644011	73	3.9672202
34	3.9558801	94	3.9587549	54	3.9616109	14	3.9644482	74	3.9672671
35	3.9559282	95	3.9588027	55	3.9616583	15	3.9644953	75	3.9673139
36	3.9559762	96	3.9588505	56	3.9617058	16	3.9645415	76	3.9673607
37	3.9560243	97	3.9588982	57	3.9617532	17	3.9645896	77	3.9674075
38	3.9560723	98	3.9589459	58	3.9618006	18	3.9646367	78	3.9674543
39	3.9561204	99	3.9589937	59	3.9618480	19	3.9646838	79	3.9675012
40	3.9561684	9100	3.9590414	60	3.9618953	20	3.9647309	80	3.9675480
41	3.9562165	1	3.9590891	61	3.9619429	21	3.9647780	81	3.9675948
42	3.9562645	2	3.9591368	62	3.9619903	22	3.9648251	82	3.9676416
43	3.9563125	3	3.9591845	63	3.9620377	23	3.9648722	83	3.9676883
44	3.9563606	4	3.9592322	64	3.9620851	24	3.9649193	84	3.9677351
45	3.9564086	5	3.9592799	65	3.9621325	25	3.9649664	85	3.9677819
46	3.9564566	6	3.9593276	66	3.9621798	26	3.9650134	86	3.9678287
47	3.9565046	7	3.9593753	67	3.9622272	27	3.9650605	87	3.9678754
48	3.9565526	8	3.9594230	68	3.9622746	28	3.9651076	88	3.9679222
49	3.9566006	9	3.9594707	69	3.9623220	29	3.9651546	89	3.9679690
50	3.9566486	10	3.9595184	70	3.9623693	30	3.9652017	90	3.9680157
51	3.9566966	11	3.9595660	71	3.9624167	31	3.9652487	91	3.9680625
52	3.9567445	12	3.9596137	72	3.9624640	32	3.9652958	92	3.9681092
53	3.9567925	13	3.9596614	73	3.9625114	33	3.9653428	93	3.9681559
54	3.9568405	14	3.9597090	74	3.9625587	34	3.9653899	94	3.9682027
55	3.9568885	15	3.9597567	75	3.9626061	35	3.9654369	95	3.9682494
56	3.9569364	16	3.9598043	76	3.9626534	36	3.9654839	96	3.9682961
57	3.9569844	17	3.9598519	77	3.9627007	37	3.9655309	97	3.9683428
58	3.9570323	18	3.9598996	78	3.9627480	38	3.9655779	98	3.9683895
59	3.9570803	19	3.9599472	79	3.9627954	39	3.9656250	99	3.9684362

ecū da: Gr. Mi. 2. 35.		Gr. Mi. 2. 36.		Gr. Mi. 2. 37.		Gr. Mi. 2. 38.		Gr. Mi. 2. 39.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
9300	3.9684829	9360	3.9712758	9420	3.9740509	9480	3.9768083	9540	3.9795484
1	3.9685296	61	3.9713222	21	3.9740970	81	3.9768541	41	3.9795939
2	3.9685763	62	3.9713686	22	3.9741431	82	3.9768999	42	3.9796394
3	3.9686230	63	3.9714150	23	3.9741892	83	3.9769457	43	3.9796849
4	3.9686697	64	3.9714614	24	3.9742353	84	3.9769915	44	3.9797304
5	3.9687164	65	3.9715078	25	3.9742814	85	3.9770373	45	3.9797759
6	3.9687630	66	3.9715542	26	3.9743274	86	3.9770831	46	3.9798214
7	3.9688097	67	3.9716005	27	3.9743735	87	3.9771289	47	3.9798669
8	3.9688564	68	3.9716469	28	3.9744196	88	3.9771747	48	3.9799124
9	3.9689030	69	3.9716932	29	3.9744656	89	3.9772204	49	3.9799579
10	3.9689497	70	3.9717396	30	3.9745117	90	3.9772662	50	3.9800034
11	3.9689963	71	3.9717859	31	3.9745577	91	3.9773120	51	3.9800488
12	3.9690430	72	3.9718323	32	3.9746038	92	3.9773577	52	3.9800943
13	3.9690896	73	3.9718786	33	3.9746498	93	3.9774035	53	3.9801398
14	3.9691362	74	3.9719249	34	3.9746959	94	3.9774492	54	3.9801852
15	3.9691829	75	3.9719713	35	3.9747419	95	3.9774950	55	3.9802307
16	3.9692295	76	3.9720176	36	3.9747879	96	3.9775407	56	3.9802761
17	3.9692761	77	3.9720639	37	3.9748340	97	3.9775864	57	3.9803216
18	3.9693227	78	3.9721102	38	3.9748800	98	3.9776322	58	3.9803670
19	3.9693693	79	3.9721565	39	3.9749260	99	3.9776779	59	3.9804125
20	3.9694159	80	3.9722028	40	3.9749720	9500	3.9777236	60	3.9804579
21	3.9694625	81	3.9722491	41	3.9750180	1	3.9777693	61	3.9805033
22	3.9695091	82	3.9722954	42	3.9750640	2	3.9778150	62	3.9805487
23	3.9695557	83	3.9723417	43	3.9751100	3	3.9778607	63	3.9805942
24	3.9696023	84	3.9723880	44	3.9751560	4	3.9779064	64	3.9806396
25	3.9696488	85	3.9724343	45	3.9752020	5	3.9779521	65	3.9806850
26	3.9696954	86	3.9724805	46	3.9752479	6	3.9779978	66	3.9807304
27	3.9697420	87	3.9725268	47	3.9752939	7	3.9780435	67	3.9807758
28	3.9697885	88	3.9725731	48	3.9753399	8	3.9780892	68	3.9808212
29	3.9698351	89	3.9726193	49	3.9753858	9	3.9781348	69	3.9808665
30	3.9698816	90	3.9726656	50	3.9754318	10	3.9781805	70	3.9809119
31	3.9699282	91	3.9727118	51	3.9754778	11	3.9782262	71	3.9809573
32	3.9699747	92	3.9727581	52	3.9755237	12	3.9782718	72	3.9810027
33	3.9700213	93	3.9728043	53	3.9755697	13	3.9783175	73	3.9810480
34	3.9700678	94	3.9728506	54	3.9756156	14	3.9783631	74	3.9810934
35	3.9701143	95	3.9728968	55	3.9756615	15	3.9784088	75	3.9811388
36	3.9701608	96	3.9729430	56	3.9757075	16	3.9784544	76	3.9811841
37	3.9702074	97	3.9729892	57	3.9757534	17	3.9785001	77	3.9812295
38	3.9702539	98	3.9730354	58	3.9757993	18	3.9785457	78	3.9812748
39	3.9703004	99	3.9730816	59	3.9758452	19	3.9785913	79	3.9813202
40	3.9703469	9430	3.9731279	60	3.9758911	20	3.9786369	80	3.9813655
41	3.9703934	1	3.9731741	61	3.9759370	21	3.9786826	81	3.9814108
42	3.9704399	2	3.9732202	62	3.9759829	22	3.9787282	82	3.9814562
43	3.9704863	3	3.9732664	63	3.9760288	23	3.9787738	83	3.9815015
44	3.9705328	4	3.9733126	64	3.9760747	24	3.9788194	84	3.9815468
45	3.9705793	5	3.9733588	65	3.9761206	25	3.9788650	85	3.9815921
46	3.9706258	6	3.9734050	66	3.9761665	26	3.9789106	86	3.9816374
47	3.9706722	7	3.9734511	67	3.9762124	27	3.9789562	87	3.9816827
48	3.9707187	8	3.9734973	68	3.9762582	28	3.9790017	88	3.9817280
49	3.9707652	9	3.9735435	69	3.9763041	29	3.9790473	89	3.9817733
50	3.9708116	10	3.9735896	70	3.9763500	30	3.9790929	90	3.9818186
51	3.9708581	11	3.9736358	71	3.9763958	31	3.9791385	91	3.9818639
52	3.9709045	12	3.9736819	72	3.9764417	32	3.9791840	92	3.9819092
53	3.9709509	13	3.9737281	73	3.9764875	33	3.9792296	93	3.9819544
54	3.9709973	14	3.9737742	74	3.9765334	34	3.9792751	94	3.9819997
55	3.9710438	15	3.9738203	75	3.9765792	35	3.9793207	95	3.9820450
56	3.9710902	16	3.9738664	76	3.9766251	36	3.9793662	96	3.9820902
57	3.9711366	17	3.9739126	77	3.9766709	37	3.9794118	97	3.9821355
58	3.9711830	18	3.9739587	78	3.9767167	38	3.9794573	98	3.9821807
59	3.9712294	19	3.9740048	79	3.9767625	39	3.9795028	99	3.9822260

fecū da.

Gr. Mi. 2. 40.		Gr. Mi. 2. 41.		Gr. Mi. 2. 42.		Gr. Mi. 2. 43.		Gr. Mi. 2. 44.	
Nu.	Logarith.	Nu.	Logarith.	Nu	Logarith.	Nu.	Logarith.	Nu.	Logarith.
9600	3.9822712	9660	3.9849771	9720	3.9876663	9780	3.9903389	9840	3.9929951
1	3.9823165	61	3.9850221	21	3.9877109	81	3.9903833	41	3.9930392
2	3.9823617	62	3.9850670	22	3.9877556	82	3.9904277	42	3.9930834
3	3.9824069	63	3.9851120	23	3.9878003	83	3.9904721	43	3.9931275
4	3.9824521	64	3.9851569	24	3.9878449	84	3.9905164	44	3.9931716
5	3.9824974	65	3.9852018	25	3.9878896	85	3.9905608	45	3.9932157
6	3.9825426	66	3.9852468	26	3.9879343	86	3.9906052	46	3.9932598
7	3.9825878	67	3.9852917	27	3.9879789	87	3.9906496	47	3.9933039
8	3.9826330	68	3.9853366	28	3.9880236	88	3.9906940	48	3.9933480
9	3.9826782	69	3.9853816	29	3.9880682	89	3.9907383	49	3.9933921
10	3.9827234	70	3.9854265	30	3.9881128	90	3.9907827	50	3.9934362
11	3.9827686	71	3.9854714	31	3.9881575	91	3.9908270	51	3.9934803
12	3.9828138	72	3.9855163	32	3.9882021	92	3.9908714	52	3.9935244
13	3.9828589	73	3.9855612	33	3.9882467	93	3.9909158	53	3.9935685
14	3.9829041	74	3.9856061	34	3.9882913	94	3.9909601	54	3.9936126
15	3.9829493	75	3.9856510	35	3.9883360	95	3.9910044	55	3.9936566
16	3.9829944	76	3.9856958	36	3.9883806	96	3.9910488	56	3.9937007
17	3.9830396	77	3.9857407	37	3.9884252	97	3.9910931	57	3.9937448
18	3.9830848	78	3.9857856	38	3.9884698	98	3.9911374	58	3.9937888
19	3.9831299	79	3.9858305	39	3.9885144	99	3.9911818	59	3.9938329
20	3.9831751	80	3.9858753	40	3.9885590	9800	3.9912261	60	3.9938769
21	3.9832202	81	3.9859202	41	3.9886035	1	3.9912704	61	3.9939210
22	3.9832653	82	3.9859651	42	3.9886481	2	3.9913147	62	3.9939650
23	3.9833105	83	3.9860099	43	3.9876927	3	3.9913590	63	3.9940090
24	3.9833556	84	3.9860548	44	3.9887373	4	3.9914033	64	3.9940531
25	3.9834007	85	3.9860996	45	3.9887818	5	3.9914476	65	3.9940971
26	3.9834458	86	3.9861445	46	3.9888264	6	3.9914919	66	3.9941411
27	3.9834910	87	3.9861893	47	3.9888710	7	3.9915362	67	3.9941851
28	3.9835361	88	3.9862341	48	3.9889155	8	3.9915805	68	3.9942291
29	3.9835812	89	3.9862789	49	3.9889601	9	3.9916247	69	3.9942731
30	3.9836263	90	3.9863238	50	3.9890046	10	3.9916690	70	3.9943172
31	3.9836714	91	3.9863686	51	3.9890492	11	3.9917133	71	3.9943612
32	3.9837165	92	3.9864134	52	3.9890937	12	3.9917575	72	3.9944051
33	3.9837616	93	3.9864582	53	3.9891382	13	3.9918018	73	3.9944491
34	3.9838066	94	3.9865030	54	3.9891828	14	3.9918461	74	3.9944931
35	3.9838517	95	3.9865478	55	3.9892273	15	3.9918903	75	3.9945371
36	3.9838968	96	3.9865926	56	3.9862718	16	3.9919345	76	3.9945811
37	3.9839418	97	3.9866374	57	3.9893163	17	3.9919788	77	3.9946251
38	3.9839869	98	3.9866822	58	3.9893608	18	3.9920230	78	3.9946690
39	3.9840320	99	3.9867269	59	3.9894053	19	3.9920673	79	3.9947130
40	3.9840770	9700	3.9867717	60	3.9894498	20	3.9921115	80	3.9947569
41	3.9841221	1	3.9868165	61	3.9894943	21	3.9921557	81	3.9948009
42	3.9841671	2	3.9868613	62	3.9895388	22	3.9921999	82	3.9948448
43	3.9842122	3	3.9869060	63	3.9895833	23	3.9922441	83	3.9948888
44	3.9842572	4	3.9869508	64	3.9896278	24	3.9922884	84	3.9949327
45	3.9843022	5	3.9869955	65	3.9896722	25	3.9923326	85	3.9949767
46	3.9843472	6	3.9870403	66	3.9897167	26	3.9923768	86	3.9950206
47	3.9843923	7	3.9870850	67	3.9897612	27	3.9924210	87	3.9950645
48	3.9844373	8	3.9871298	68	3.9898056	28	3.9924651	88	3.9951085
49	3.9844823	9	3.9871745	69	3.9898501	29	3.9925093	89	3.9951524
50	3.9845273	10	3.9872192	70	3.9898946	30	3.9925535	90	3.9951963
51	3.9845723	11	3.9872640	71	3.9899390	31	3.9925977	91	3.9952402
52	3.9846173	12	3.9873087	72	3.9899835	32	3.9926419	92	3.9952841
53	3.9846623	13	3.9873534	73	3.9900279	33	3.9926860	93	3.9953280
54	3.9847073	14	3.9873981	74	3.9900723	34	3.9927302	94	3.9953719
55	3.9847523	15	3.9874428	75	3.9901108	35	3.9927744	95	3.9954158
56	3.9847972	16	3.9874875	76	3.9901612	36	3.9928185	96	3.9954597
57	3.9848422	17	3.9875322	77	3.9902056	37	3.9928627	97	3.9955036
58	3.9848872	18	3.9875769	78	3.9902500	38	3.9929068	98	3.9955474
59	3.9849322	19	3.9876216	79	3.9902944	39	3.9929510	99	3.9955913

Secū da. Gr. Mi. 2. 45.		Gr. Mi. 2. 46		Gr. Mi. 2. 47.		Gr. Mi. 2. 48.		Gr. Mi. 2. 49.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
9900	3.9956352	9960	3.9982593	10020	4.0008677	10080	4.0034605	10140	4.0060379
1	3.9956791	61	3.9983029	21	4.0009110	81	4.0035036	41	4.0060807
2	3.9957229	62	3.9983465	22	4.0009543	82	4.0035466	42	4.0061236
3	3.9957668	63	3.9983901	23	4.0009977	83	4.0035897	43	4.0061664
4	3.9958106	64	3.9984337	24	4.0010410	84	4.0036328	44	4.0062092
5	3.9958545	65	3.9984773	25	4.0010843	85	4.0036759	45	4.0062520
6	3.9958983	66	3.9985209	26	4.0011277	86	4.0037189	46	4.0062948
7	3.9959422	67	3.9985644	27	4.0011710	87	4.0037620	47	4.0063376
8	3.9959860	68	3.9986080	28	4.0012143	88	4.0038050	48	4.0063804
9	3.9960298	69	3.9986516	29	4.0012576	89	4.0038481	49	4.0064232
10	3.9960736	70	3.9986951	30	4.0013009	90	4.0038911	50	4.0064660
11	3.9961175	71	3.9987387	31	4.0013442	91	4.0039342	51	4.0065088
12	3.9961613	72	3.9987823	32	4.0013875	92	4.0039772	52	4.0065516
13	3.9962051	73	3.9988258	33	4.0014308	93	4.0040202	53	4.0065943
14	3.9962489	74	3.9988694	34	4.0014740	94	4.0040633	54	4.0066371
15	3.9962927	75	3.9989129	35	4.0015173	95	4.0041063	55	4.0066799
16	3.9963365	76	3.9989564	36	4.0015606	96	4.0041493	56	4.0067226
17	3.9963803	77	3.9990000	37	4.0016039	97	4.0041923	57	4.0067654
18	3.9964241	78	3.9990435	38	4.0016471	98	4.0042353	58	4.0068082
19	3.9964679	79	3.9990870	39	4.0016904	99	4.0042783	59	4.0068509
20	3.9965117	80	3.9991305	40	4.0017337	10100	4.0043213	60	4.0068937
21	3.9965554	81	3.9991740	41	4.0017769	1	4.0043643	61	4.0069364
22	3.9965992	82	3.9992176	42	4.0018202	2	4.0044073	62	4.0069791
23	3.9966430	83	3.9992611	43	4.0018634	3	4.0044503	63	4.0070219
24	3.9966867	84	3.9993046	44	4.0019067	4	4.0044933	64	4.0070646
25	3.9967305	85	3.9993481	45	4.0019499	5	4.0045363	65	4.0071073
26	3.9967743	86	3.9993916	46	4.0019931	6	4.0045792	66	4.0071501
27	3.9968180	87	3.9994350	47	4.0020364	7	4.0046222	67	4.0071928
28	3.9968618	88	3.9994785	48	4.0020796	8	4.0046652	68	4.0072355
29	3.9969055	89	3.9995220	49	4.0021228	9	4.0047081	69	4.0072782
30	3.9969492	90	3.9995655	50	4.0021660	10	4.0047511	70	4.0073209
31	3.9969930	91	3.9996089	51	4.0022092	11	4.0047941	71	4.0073636
32	3.9970367	92	3.9996524	52	4.0022524	12	4.0048370	72	4.0074063
33	3.9970804	93	3.9996959	53	4.0022956	13	4.0048800	73	4.0074490
34	3.9971241	94	3.9997393	54	4.0023388	14	4.0049229	74	4.0074917
35	3.9971679	95	3.9997828	55	4.0023820	15	4.0049658	75	4.0075344
36	3.9972116	96	3.9998262	56	4.0024252	16	4.0050088	76	4.0075770
37	3.9972553	97	3.9998697	57	4.0024684	17	4.0050517	77	4.0076197
38	3.9972990	98	3.9999131	58	4.0025166	18	4.0050946	78	4.0076624
39	3.9973427	99	3.9999566	59	4.0025548	19	4.0051375	79	4.0077051
40	3.9973864	10000	4.0000000	60	4.0025979	20	4.0051805	80	4.0077477
41	3.9974301	1	4.0000434	61	4.0026411	21	4.0052234	81	4.0077904
42	3.9974737	2	4.0000868	62	4.0026843	22	4.0052663	82	4.0078330
43	3.9975174	3	4.0001302	63	4.0027274	23	4.0053092	83	4.0078757
44	3.9975611	4	4.0001736	64	4.0027706	24	4.0053521	84	4.0079183
45	3.9976048	5	4.0002170	65	4.0028137	25	4.0053950	85	4.0079610
46	3.9976484	6	4.0002604	66	4.0028569	26	4.0054379	86	4.0080036
47	3.9976921	7	4.0003038	67	4.0029000	27	4.0054808	87	4.0080463
48	3.9977358	8	4.0003472	68	4.0029432	28	4.0055236	88	4.0080889
49	3.9977794	9	4.0003906	69	4.0029863	29	4.0055665	89	4.0081315
50	3.9978231	10	4.0004340	70	4.0030294	30	4.0056094	90	4.0081741
51	3.9978667	11	4.0004774	71	4.0030725	31	4.0056523	91	4.0082168
52	3.9979104	12	4.0005208	72	4.0031157	32	4.0056951	92	4.0082594
53	3.9979540	13	4.0005642	73	4.0031588	33	4.0057380	93	4.0083020
54	3.9979976	14	4.0006075	74	4.0032019	34	4.0057809	94	4.0083446
55	3.9980413	15	4.0006509	75	4.0032450	35	4.0058237	95	4.0083872
56	3.9980849	16	4.0006943	76	4.0032881	36	4.0058666	96	4.0084298
57	3.9981285	17	4.0007376	77	4.0033312	37	4.0059094	97	4.0084724
58	3.9981721	18	4.0007810	78	4.0033743	38	4.0059522	98	4.0085150
59	3.9982157	19	4.0008243	79	4.0034174	39	4.0059951	99	4.0085575

secũ dã.	Gr. Mi. 2. 50.		Gr. Mi. 2. 51.		Gr. Mi. 2. 52.		Gr. Mi. 2. 53.		Gr. Mi. 2. 54.
No.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarich	Nu.	Logarith.
20200	4.0086002	20260	4.0111473	20320	4.0136796	20380	4.0161973	20440	4.0187004
1	4.0086427	61	4.0111896	21	4.0137217	81	4.0162391	41	4.0187420
2	4.0086853	62	4.0112320	22	4.0137638	82	4.0162810	42	4.0187836
3	4.0087278	63	4.0112743	23	4.0138059	83	4.0163228	43	4.0188252
4	4.0087704	64	4.0113166	24	4.0138479	84	4.0163646	44	4.0188668
5	4.0088130	65	4.0113589	25	4.0138900	85	4.0164065	45	4.0189084
6	4.0088555	66	4.0114012	26	4.0139321	86	4.0164483	46	4.0189500
7	4.0088981	67	4.0114435	27	4.0139741	87	4.0164901	47	4.0189915
8	4.0089406	68	4.0114858	28	4.0140162	88	4.0165319	48	4.0190331
9	4.0089832	69	4.0115281	29	4.0140582	89	4.0165737	49	4.0190747
10	4.0090257	70	4.0115704	30	4.0141003	90	4.0166155	50	4.0191162
11	4.0090682	71	4.0116127	31	4.0141423	91	4.0166573	51	4.0191578
12	4.0091108	72	4.0116550	32	4.0141843	92	4.0166991	52	4.0191994
13	4.0091533	73	4.0116972	33	4.0142264	93	4.0167409	53	4.0192409
14	4.0091958	74	4.0117395	34	4.0142684	94	4.0167827	54	4.0192824
15	4.0092383	75	4.0117818	35	4.0143104	95	4.0168244	55	4.0193240
16	4.0092808	76	4.0118240	36	4.0143525	96	4.0168662	56	4.0193655
17	4.0093233	77	4.0118663	37	4.0143945	97	4.0169080	57	4.0194071
18	4.0093658	78	4.0119086	38	4.0144365	98	4.0169498	58	4.0194486
19	4.0094083	79	4.0119508	39	4.0144785	99	4.0169915	59	4.0194901
20	4.0094508	80	4.0119931	40	4.0145205	20400	4.0170333	60	4.0195316
21	4.0094933	81	4.0120353	41	4.0145625	1	4.0170750	61	4.0195732
22	4.0095358	82	4.0120775	42	4.0146045	2	4.0171168	62	4.0196147
23	4.0095783	83	4.0121198	43	4.0146465	3	4.0171585	63	4.0196562
24	4.0096208	84	4.0121620	44	4.0146885	4	4.0172003	64	4.0196977
25	4.0096633	85	4.0122042	45	4.0147304	5	4.0172420	65	4.0197392
26	4.0097057	86	4.0122465	46	4.0147724	6	4.0172838	66	4.0197807
27	4.0097482	87	4.0122887	47	4.0148144	7	4.0173255	67	4.0198222
28	4.0097907	88	4.0123309	48	4.0148564	8	4.0173672	68	4.0198637
29	4.0098331	89	4.0123731	49	4.0148983	9	4.0174090	69	4.0199051
30	4.0098756	90	4.0124153	50	4.0149403	10	4.0174507	70	4.0199466
31	4.0099180	91	4.0124575	51	4.0149823	11	4.0174924	71	4.0199881
32	4.0099605	92	4.0124997	52	4.0150242	12	4.0175341	72	4.0200296
33	4.0100029	93	4.0125419	53	4.0150662	13	4.0175758	73	4.0200711
34	4.0100454	94	4.0125841	54	4.0151081	14	4.0176175	74	4.0201125
35	4.0100878	95	4.0126263	55	4.0151501	15	4.0176592	75	4.0201540
36	4.0101302	96	4.0126685	56	4.0151920	16	4.0177009	76	4.0201954
37	4.0101727	97	4.0127107	57	4.0152339	17	4.0177426	77	4.0202369
38	4.0102151	98	4.0127528	58	4.0152759	18	4.0177843	78	4.0202783
39	4.0102575	99	4.0127950	59	4.0153178	19	4.0178260	79	4.0203198
40	4.0102999	20300	4.0128372	60	4.0153597	20	4.0178677	80	4.0203612
41	4.0103423	1	4.0128793	61	4.0154016	21	4.0179093	81	4.0204027
42	4.0103847	2	4.0129215	62	4.0154435	22	4.0179510	82	4.0204441
43	4.0104271	3	4.0129636	63	4.0154854	23	4.0179927	83	4.0204855
44	4.0104695	4	4.0130058	64	4.0155274	24	4.0180344	84	4.0205270
45	4.0105119	5	4.0130479	65	4.0155693	25	4.0180760	85	4.0205684
46	4.0105543	6	4.0130901	66	4.0156112	26	4.0181177	86	4.0206098
47	4.0105967	7	4.0131322	67	4.0156530	27	4.0181593	87	4.0206512
48	4.0106391	8	4.0131744	68	4.0156949	28	4.0182010	88	4.0206926
49	4.0106814	9	4.0132165	69	4.0157368	29	4.0182426	89	4.0207340
50	4.0107238	10	4.0132586	70	4.0157787	30	4.0182843	90	4.0207754
51	4.0107662	11	4.0133007	71	4.0158206	31	4.0183259	91	4.0208168
52	4.0108085	12	4.0133429	72	4.0158625	32	4.0183675	92	4.0208582
53	4.0108509	13	4.0133850	73	4.0159043	33	4.0184092	93	4.0208996
54	4.0108933	14	4.0134271	74	4.0159462	34	4.0184508	94	4.0209410
55	4.0109356	15	4.0134692	75	4.0159881	35	4.0184924	95	4.0209824
56	4.0109781	16	4.0135113	76	4.0160299	36	4.0185340	96	4.0210238
57	4.0110203	17	4.0135534	77	4.0160718	37	4.0185756	97	4.0210651
58	4.0110626	18	4.0135955	78	4.0161136	38	4.0186172	98	4.0211065
59	4.0111050	19	4.0136376	79	4.0161555	39	4.0186588	99	4.0211479

secū da	Gr. Mi. 2. 53.		Gr. Mi. 2. 56.		Gr. Mi. 2. 57.		Gr. Mi. 2. 58.		Gr. Mi. 2. 59.
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
10500	4.0211892	10560	4.0236639	10620	4.0261245	10680	4.0285712	10740	4.0310042
1	4.0212306	61	4.0237050	21	4.0261654	81	4.0286119	41	4.0310447
2	4.0212720	62	4.0237461	22	4.0262062	82	4.0286525	42	4.0310851
3	4.0213133	63	4.0237872	23	4.0262471	83	4.0286932	43	4.0311255
4	4.0213147	64	4.0238283	24	4.0262880	84	4.0287338	44	4.0311659
5	4.0213960	65	4.0238695	25	4.0263289	85	4.0287745	45	4.0312064
6	4.0214373	66	4.0239106	26	4.0263698	86	4.0288151	46	4.0312468
7	4.0214787	67	4.0239517	27	4.0264106	87	4.0288558	47	4.0312872
8	4.0215200	68	4.0239928	28	4.0264515	88	4.0288964	48	4.0313276
9	4.0215613	69	4.0240338	29	4.0264924	89	4.0289370	49	4.0313680
10	4.0216027	70	4.0240749	30	4.0265332	90	4.0289777	50	4.0314084
11	4.0216440	71	4.0241160	31	4.0265741	91	4.0290183	51	4.0314488
12	4.0216853	72	4.0241571	32	4.0266149	92	4.0290589	52	4.0314892
13	4.0217266	73	4.0241982	33	4.0266558	93	4.0290995	53	4.0315296
14	4.0217679	74	4.0242393	34	4.0266966	94	4.0291401	54	4.0315700
15	4.0218092	75	4.0242803	35	4.0267374	95	4.0291807	55	4.0316104
16	4.0218505	76	4.0243214	36	4.0267783	96	4.0292213	56	4.0316507
17	4.0218918	77	4.0243625	37	4.0268191	97	4.0292619	57	4.0316911
18	4.0219331	78	4.0244035	38	4.0268599	98	4.0293025	58	4.0317315
19	4.0219744	79	4.0244446	39	4.0269008	99	4.0293431	59	4.0317719
20	4.0220157	80	4.0244856	40	4.0269416	10700	4.0293837	60	4.0318122
21	4.0220570	81	4.0245267	41	4.0269824	1	4.0294243	61	4.0318526
22	4.0220982	82	4.0245677	42	4.0270232	2	4.0294649	62	4.0318929
23	4.0221395	83	4.0246087	43	4.0270640	3	4.0295055	63	4.0319333
24	4.0221808	84	4.0246498	44	4.0271048	4	4.0295461	64	4.0319736
25	4.0222221	85	4.0246908	45	4.0271456	5	4.0295866	65	4.0320140
26	4.0222633	86	4.0247318	46	4.0271864	6	4.0296272	66	4.0320543
27	4.0223046	87	4.0247729	47	4.0272272	7	4.0296678	67	4.0320947
28	4.0223458	88	4.0248139	48	4.0272680	8	4.0297083	68	4.0321350
29	4.0223871	89	4.0248549	49	4.0273088	9	4.0297489	69	4.0321753
30	4.0224283	90	4.0248959	50	4.0273496	10	4.0297894	70	4.0322157
31	4.0224696	91	4.0249369	51	4.0273903	11	4.0298300	71	4.0322560
32	4.0225108	92	4.0249779	52	4.0274311	12	4.0298705	72	4.0322963
33	4.0225520	93	4.0250189	53	4.0274719	13	4.0299111	73	4.0323366
34	4.0225933	94	4.0250599	54	4.0275126	14	4.0299516	74	4.0323769
35	4.0226345	95	4.0251009	55	4.0275534	15	4.0299921	75	4.0324172
36	4.0226757	96	4.0251419	56	4.0275942	16	4.0300327	76	4.0324575
37	4.0227169	97	4.0251829	57	4.0276349	17	4.0300732	77	4.0324978
38	4.0227581	98	4.0252239	58	4.0276757	18	4.0301137	78	4.0325381
39	4.0227994	99	4.0252648	59	4.0277164	19	4.0301542	79	4.0325784
40	4.0228406	10600	4.0253058	60	4.0277572	20	4.0301947	80	4.0326187
41	4.0228818	1	4.0253468	61	4.0277979	21	4.0302352	81	4.0326590
42	4.0229230	2	4.0253877	62	4.0278386	22	4.0302758	82	4.0326993
43	4.0229642	3	4.0254287	63	4.0278794	23	4.0303163	83	4.0327396
44	4.0230053	4	4.0254697	64	4.0279201	24	4.0303568	84	4.0327798
45	4.0230465	5	4.0255106	65	4.0279608	25	4.0303973	85	4.0328201
46	4.0230877	6	4.0255516	66	4.0280015	26	4.0304377	86	4.0328604
47	4.0231289	7	4.0255925	67	4.0280422	27	4.0304782	87	4.0329006
48	4.0231701	8	4.0256335	68	4.0280830	28	4.0305187	88	4.0329409
49	4.0232112	9	4.0256744	69	4.0281237	29	4.0305592	89	4.0329811
50	4.0232524	10	4.0257153	70	4.0281644	30	4.0305997	90	4.0330214
51	4.0232936	11	4.0257563	71	4.0282051	31	4.0306401	91	4.0330616
52	4.0233347	12	4.0257972	72	4.0282458	32	4.0306806	92	4.0331019
53	4.0233759	13	4.0258381	73	4.0282865	33	4.0307211	93	4.0331421
54	4.0234170	14	4.0258790	74	4.0283271	34	4.0307615	94	4.0331824
55	4.0234582	15	4.0259199	75	4.0283678	35	4.0308020	95	4.0332226
56	4.0234993	16	4.0259609	76	4.0284085	36	4.0308425	96	4.0332628
57	4.0235405	17	4.0260018	77	4.0284492	37	4.0308829	97	4.0333031
58	4.0235816	18	4.0260427	78	4.0284898	38	4.0309233	98	4.0333433
59	4.0236227	19	4.0260836	79	4.0285305	39	4.0309638	99	4.0333835

secūdæ. Gr. Mi. 3. 0.		Gr. Mi. 3. 1.		Gr. Mi. 3. 2.		Gr. Mi. 3. 3.		Gr. Mi. 3. 4.	
Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.	Nu.	Logarith.
10800	4.0334237	10860	4.0358298	10920	4.0382226	10980	4.0406023	11040	4.0429690
1	4.0334639	61	4.0358698	21	4.0382624	81	4.0406418	41	4.0430084
2	4.0335041	62	4.0359097	22	4.0383021	82	4.0406814	42	4.0430477
3	4.0335443	63	4.0359497	23	4.0383419	83	4.0407209	43	4.0430870
4	4.0335845	64	4.0359897	24	4.0383816	84	4.0407605	44	4.0431263
5	4.0336247	65	4.0360297	25	4.0384214	85	4.0408000	45	4.0431657
6	4.0336649	66	4.0360697	26	4.0384611	86	4.0408395	46	4.0432050
7	4.0337051	67	4.0361096	27	4.0385009	87	4.0408791	47	4.0432443
8	4.0337453	68	4.0361496	28	4.0385406	88	4.0409186	48	4.0432836
9	4.0337855	69	4.0361895	29	4.0385804	89	4.0409581	49	4.0433229
10	4.0338256	70	4.0362295	30	4.0386201	90	4.0409976	50	4.0433622
11	4.0338658	71	4.0362694	31	4.0386598	91	4.0410372	51	4.0434015
12	4.0339060	72	4.0363094	32	4.0386996	92	4.0410767	52	4.0434408
13	4.0339462	73	4.0363493	33	4.0387393	93	4.0411162	53	4.0434801
14	4.0339863	74	4.0363893	34	4.0387790	94	4.0411557	54	4.0435194
15	4.0340265	75	4.0364292	35	4.0388187	95	4.0411952	55	4.0435587
16	4.0340666	76	4.0364691	36	4.0388585	96	4.0412347	56	4.0435980
17	4.0341068	77	4.0365091	37	4.0388982	97	4.0412742	57	4.0436373
18	4.0341469	78	4.0365490	38	4.0389379	98	4.0413137	58	4.0436765
19	4.0341871	79	4.0365889	39	4.0389776	99	4.0413532	59	4.0437158
20	4.0342272	80	4.0366288	40	4.0390173	11000	4.0413927	60	4.0437551
21	4.0342673	81	4.0366688	41	4.0390570	1	4.0414321	61	4.0437943
22	4.0343075	82	4.0367087	42	4.0390967	2	4.0414716	62	4.0438336
23	4.0343476	83	4.0367486	43	4.0391363	3	4.0415111	63	4.0438729
24	4.0343877	84	4.0367885	44	4.0391760	4	4.0415505	64	4.0439121
25	4.0344279	85	4.0368284	45	4.0392157	5	4.0415900	65	4.0439514
26	4.0344680	86	4.0368683	46	4.0392554	6	4.0416295	66	4.0439906
27	4.0345081	87	4.0369082	47	4.0392951	7	4.0416689	67	4.0440299
28	4.0345482	88	4.0369481	48	4.0393347	8	4.0417084	68	4.0440691
29	4.0345883	89	4.0369879	49	4.0393744	9	4.0417478	69	4.0441083
30	4.0346184	90	4.0370278	50	4.0394141	10	4.0417873	70	4.0441476
31	4.0346685	91	4.0370677	51	4.0394537	11	4.0418267	71	4.0441868
32	4.0347086	92	4.0371076	52	4.0394934	12	4.0418662	72	4.0442260
33	4.0347487	93	4.0371475	53	4.0395330	13	4.0419056	73	4.0442652
34	4.0347888	94	4.0371873	54	4.0395727	14	4.0419450	74	4.0443045
35	4.0348289	95	4.0372272	55	4.0396123	15	4.0419845	75	4.0443437
36	4.0348689	96	4.0372670	56	4.0396520	16	4.0420239	76	4.0443829
37	4.0349090	97	4.0373069	57	4.0396916	17	4.0420633	77	4.0444221
38	4.0349491	98	4.0373468	58	4.0397312	18	4.0421027	78	4.0444613
39	4.0349892	99	4.0373865	59	4.0397709	19	4.0421421	79	4.0445005
40	4.0350292	10900	4.0374264	60	4.0398105	20	4.0421815	80	4.0445397
41	4.0350693	1	4.0374662	61	4.0398501	21	4.0422210	81	4.0445789
42	4.0351094	2	4.0375061	62	4.0398897	22	4.0422604	82	4.0446181
43	4.0351494	3	4.0375460	63	4.0399294	23	4.0422998	83	4.0446573
44	4.0351895	4	4.0375858	64	4.0399690	24	4.0423392	84	4.0446965
45	4.0352295	5	4.0376256	65	4.0400086	25	4.0423785	85	4.0447356
46	4.0352696	6	4.0376654	66	4.0400482	26	4.0424179	86	4.0447748
47	4.0353006	7	4.0377053	67	4.0400878	27	4.0424573	87	4.0448140
48	4.0353496	8	4.0377451	68	4.0401274	28	4.0424967	88	4.0448532
49	4.0353897	9	4.0377849	69	4.0401670	29	4.0425361	89	4.0448923
50	4.0354297	10	4.0378247	70	4.0402066	30	4.0425755	90	4.0449315
51	4.0354697	11	4.0378645	71	4.0402462	31	4.0426148	91	4.0449707
52	4.0355097	12	4.0379043	72	4.0402857	32	4.0426542	92	4.0450098
53	4.0355498	13	4.0379441	73	4.0403253	33	4.0426936	93	4.0450490
54	4.0355898	14	4.0379839	74	4.0403649	34	4.0427329	94	4.0450881
55	4.0356298	15	4.0380237	75	4.0404045	35	4.0427723	95	4.0451273
56	4.0356698	16	4.0380625	76	4.0404440	36	4.0428116	96	4.0451654
57	4.0357098	17	4.0381033	77	4.0404836	37	4.0428510	97	4.0452055
58	4.0357498	18	4.0381430	78	4.0405232	38	4.0428903	98	4.0452447
59	4.0357808	19	4.0381828	79	4.0405627	39	4.0429297	99	4.0452838

FINIS.

TRIGONOMETRIA PLANA.

Rectangula.

PROBLEMA I. *Fig.*6.

Datis latere,& angulis inven.

I. *Aliud latus.*	II. *Hypothen.*
BE. radius	BE. ſin.ang. A.
ED. tãg.ang. B.	BD. radius
BC. latus datum	BC. lat. opp. A.
CA. latus quæſ.	BA. Hypoth.

PROBLEMA II. *Fig.*7.

Dat.Hypoth. & larere. inven.

I. *Angulos.*	II. *Latus aliud.*
BA. Hypoth.	Inveniãtur prius anguli:deinde in venietur latus ex probl.1.
BC. latus	
BD. radius	
BE. ſin.ang.A. vel ſin.2. ang. B.	

PROBLEMA III. *Fig.*8.

Dat.Hypoth.& angulis. inven.

I. *Latus CA.*	II. *Latus BC.*
BD. radius	BD. radius
DE. ſin.ang.B.	BE. ſin.ang.A.
BA. Hypoth.	BA. Hypoth.
CA. lat. opp. B.	BC.latus opp. A.

PROBLEMA IIII. *Fig.*9.

Dat.duobus lateribus inven.

I. *Angulos.*	II. *Hypothen.*
BC. latus maius	Inveniãtur prius anguli:deinde in venietur Hypoth.ex probl.1.
CA. latus minus	
BE. radius	
ED. tãg.ang. B. vel tan.2.ang. A.	

Obliquangula.

PROBLEMA I. *Fig.*10.

Datis angulis,& latere inven.

I. *Latus AB.*	II. *Latus BC.*
Sinus ang. B.	Sinus ang. B.
Latus opp. CA.	Latus opp. CA.
Sinus ang. C.	Sinus ang. A.
Latus opp. AB.	Latus opp. CB.

PROBLEMA II. *Fig.*11.

Dat.2.lat.& ang.opp. inv.

I. *Angulos.*	II. *Latus.*
CA.Lat.opp.B.	Inveniãtur prius anguli : deinde invenietur latus ex probl.1.
Sinus ang.B.	
AB.lat.opp.C.	
Sinus ang.C.	

PROBLEMA III. *Fig.*12.

Dat.2.lat.& ang.medio. inven.

I. *Angulos.*	II. *Latus aliud.*
Summa laterum	Inveniãtur ang. deinde latus ex probl.1.
differ.laterum.	
tãg.ſemiſũ.B.C.	
tãg.ſemidi.B.C.	

Summa 3. & 4. eſt B:differ. eſt C.

PROBLEMA IIII. *Fig.*14.

Dat.3.lateribus. inven.

Quemlibet angulum.

Adde compl.logarinth.laterum, logarithmis ſemiſummæ,& ſemidifferentiæ baſis, & differentiæ laterum: dimidium aggregati eſt ſinus ſemi-anguli opp.baſi.

MONITVM VNIVERSALE.

In omni proportione ſumitur prioris termini compl.logar : ad radium ſi ille ſit minor iſto, vel ad duplum radium ſi fuerit maior:ex ſumma trium aufertur 1. ad ſiniſtram ſi compl. ſumptum eſt ad radium: vel 2. ſi ad duplum radium: & remanet logar. quarti termini quæſiti,

PROBLEMA I. *Pro rectangulis Sphæricis ex Nepero.*

Sinus cuiuslibet partis, & radius medij sunt inter Tangentes vicinarum: & etiam inter sinus 2. remotarum.

Tangens vicina, amotæ sinus esto secundus.

Partes sunt latera, & complementa Hypothenusæ, & angulorum (omisso recto) quæ signantur hac nota ᵕ: vt in *Fig.* 7.

PROBLEMA II. Rectangula solventur ex data basi, &

Sum. hyp. & perp.		*Difer. hyp. & perp.*	
Tan. semisummæ.	*Summa 1. & 4. est Hypoth. Difer. est perpend.*	Tan. semi difer.	*Inde reliqua innotescent.*
Tan. semi basis.		Tan. semibasis.	
Tan. semi basis.		Tan. semibasis.	
Tan. semidifer.		Tan. semisummæ.	

PROBLEMA III. *In obliq. ex 2. alternis, & media.*

Segmenta basis.		*Segmenta anguli.*
Sin. summæ angulorũ.	*Summa 3. & 4. est segm. maius.*	Sin. summæ laterum.
Sin. difer. angulorum.	*Difer. est minus.*	Sin. difer. laterum.
Tan. semibasis.		Tan. 2. semianguli.
Tan. semidifer. segm.		Tan. semidifer. segm.

PROBLEMA IIII. Ex data parte, segmentis, & summa includentium.

Latera includentia.		*Anguli includentes.*
Tan. 2. semianguli.	*Semisumma 3. & 4. est pars maior.*	Tan. semibasis.
Tan. semidif. segm.	*Semidif. est minor.*	Tan. semidif. segm.
Sin. summæ laterum.		Sin. summæ angulorum.
Sin. difer. laterum.		Sin. difer. ang.

PROBLEMA V. Ex data media, segmentis, & difer. includentium.

Latera includentia.		*Anguli includentes.*
Tan. semidif. segm.	*Semi summa 3. & 4. est pars maior.*	Tan. semidif. segm.
Tan. 2. semianguli.	*Semidif. est minor.*	Tan. semibasis.
Sin. difer. laterum.		Sin. difer. angulorum.
Sin. summæ laterum.		Sin. summæ angulorum.

PROBLEMA VI. Ex 2. alternis, & difer. segm. mediæ.

Basim inclusam.		*Angulum inclusum.*
Sin. difer. angulorum.	*Duplum quarti est pars quæsita.*	Sin. difer. laterum.
Sin. summæ ang.		Sin. summæ laterum.
Tan. semidif. segm.		Tan. semidif. segm.
Tan. semibasis.		Tan. 2. semianguli.

RECTANGVLA SPHÆRICA.

PROBLEMA I. Data Hypothen. & vno latere. Inven.

I. *Latus aliud.*		II. *Ang. conterminum.*		III. *Ang. oppositum.*	
Sinus 2. perp.	BH.	Tangens Hypoth.	EB.	Sinus Hypoth.	EB.
Radius	AH.	Tang. perp.	BH.	Sinus perp.	BH.
Sinus 2. Hypoth.	EB.	Radius	PR.	Radius	ED.
Sinus 2. basis	EH.	Sin. 2. anguli	B.	Sinus anguli	E.

PROBLEMA II. Data Hypothenusa, & angulo. Inven.

I. *Latus conterminum.*		II. *Latus opp. angulo.*		III. *Angulũ reliquum.*	
Radius.		Radius	ED.	Radius.	
Sin. 2. ang.	B.	Sinus ang.	E.	Sin. 2. hypoth.	EB.
Tang. hypoth.	EB.	Sinus hypoth.	BE.	Tang. ang.	B.
Tang. lateris	BH.	Sinus lat. opp.	BH.	Tang. 2. ang.	E.

PROBLEMA III. Datis duobus lateribus. Inven.

I. *Hypothen.*		II. *Angulum.*	E.	III. *Angulum*	B.
Radius.		Sin. lat. conterm.	EH.	Sin. lat. conterm.	BH.
Sin. 2. lateris	BH.	Radius.		Radius.	
Sin. 2. lateris	EH.	Tang. lat. opp.	HB.	Tang. lat. opp.	HE.
Sin. 2. Hypot.	EB.	Tang. anguli	E.	Tang. anguli	B.

PROBLEMA IIII. Dato latere, & ang. contermino. Inven.

I. *Hypothen.*		II. *Latus opp.*		III. *Angulũ reliquum.*	
Radius.		Radius.	EG.	Radius	BQ.
Sin. 2. ang.	E.	Sin. lat. conterm.	EH.	Sin. 2. lat.	BH.
Tan. 2. lat.	EH.	Tang. ang.	E.	Sin. ang.	B.
Tan. 2. Hypot.	EB.	Tang. lat. opp.	BH.	Sin. 2. ang.	E.

PROBLEMA V. Dato latere, & angulo opp. Inveni.

I. *Hypothen.*		II. *Latus reliquum.*		III. *Angulum reliq.*	
Sin. ang.	E.	Tang. ang.	E.	Sin. 2. lat.	BH.
Sin. lat.	BH.	Tang. lat. opp.	BH.	Sin. 2. ang.	E.
Radius.	DE.	Radius	EG.	Radius	BQ.
Sin. hyp.	EB.	Sinus lat.	EH.	Sin. 1. ang.	B.

PROBLEMA VI. Datis duobus angulis. Inveni.

I. *Hypothen.*		II. *Latus* BH.		III. *Latus.*	EH.
Tang. ang.	B.	Sin. 1. ang. con.	B.	Sin. ang. cont.	E.
Tan. 2. ang.	E.	Sin. 2. ang. opp.	E.	Sin. 2. ang. opp.	B.
Radius	BP.	Radius	DF.	Radius.	GF.
Sin. 2. hyp.	EB.	Sin. 2. lat.	BH.	Sin. 2. lat.	EH.

QVADRANTALE. *Soluitur vt rectang. convertendo lat. in ang: & contra.*

OBLIQVANGVLA SPHÆRICA.

SPECIES I.

PROBLEMA I. Datis 3.partibus alternis: quær. opp.

I. *Ex 3.lateribus Angulus.*

Adde compl. logar. sinuum laterum, logarithmis semisummæ, & semidif. basis & differentiæ laterum: dimidiũ aggregati est sinus semiãguli.

II. *Ex 3.angulis Latus.*

Sume compl. ad 180. vnius anguli ex includentibus latus quæsitum & fit eadem operatio. Dimidium aggregati est sinus semilateris.

SPECIES II.

PROBLEMA II. Ex 2. alternis, & media: quær. alterna.

I. *Latus: ex 2.lat. & ang.*		II. *Angulus ex 2.ang. & lat.*	
Radius.	Sin.2.segm.DC.	Radius.	Sin.segm.CAD.
Sin.2.ang.C.	Sin.2.segm.DB.	Sin.2.lat.AC.	Sin.segm.BAD.
Tan.lat.AC.	Sin.2.lat. AC	Tan.ang.C.	Sin.2.ang. ACB
Tan.segm.CD.	Sin.2.lat. AB:	Tã.2.ang.CAD	Sin.2.ang. ABC

PROBLEMA III. Ex 2. alternis, & media: quær. opp.

I. *Angulus ex 2. lat. & ang.*		II. *Latus ex 2.ang. & lat.*	
1.oper. vt supra.	Sin.segm.CD.	1.oper. vt supra.	Sin.2.seg.CAD.
Seg.2.est summa, si perp. cadit extra, vel differ. si cadit intra.	Sin.segm.DB.	*Seg.2.est summa, si perp. cadit, extra, vel differ. si cadit intra.*	Sin.2.seg.BAD.
	Tan.2.ang.C.		Tan.2.lat.AC.
	Tan.2.ang.B.		Tan.2.lat.AB.

SPECIES III.

PROBLEMA IIII. ex 2. alternis, & opp. quær. alterna.

I. *Latus ex 2.lat. & ang.op.*		II. *Angulus ex 2.ang. & lat.opp.*	
1.oper. vt supra.	Sin.2.lat.AC.	1.oper. vt supra.	Sin.2.ang. ACB
Latus BC. est summa, vel dif. vt supra.	Sin.2.lat.AB.	*Ang. BAC. est summa, vel diff. vt supra.*	Sin.2.ang. ABC
	Sin.2.seg.CD.		Sin.ang.CAD.
	Sin.2.seg.DB.		Sin.ang.BAD.

PROBLEMA V. Ex 2. alternis, & opp. quær. media.

I. *Latus ex 2. ang. & lat. opp.*		II. *Angulus ex 2. lat. & ang. opp.*	
1.oper. vt supra.	Ta.2.ang.ACB.	1.oper. vt supra.	Ta.2.lat.AC.
CB. est summa, vel dif. vt in pr. 3	Ta.2.ang.ABC.	*BAC. est summa, vel dif. vt in pr. 3.*	Ta.2.lat.AB.
	Sin.segm.CD.		Sin.2.ang.CAD
	Sin.segm.BD.		Sin.2.ang.BAD

PROBLEMA VI. Ex 2. alternis, & opp. quær. opposita.

I. *Angulus ex 2.lat. & angulo op.*		II. *Latus ex 2.ang. & lat.opp.*	
	Sin.lat.AB.		Sin.ang.BCA.
Operatio vnica.	Sin.lat.CB.	*Operatio vnica.*	Sin.ang.BAC.
	Sing.ang. ACB.		Sin.lat. AB.
	Sin.ang.BAC.		Sin.lat.BC.

C.ta de n.ro D.r P.e
Man.l Tedillo q.e D.s in.d
ud. en S. Telmo

Expuso un
muchacho